

AZD 093 660 S12  
16-

## PCB REMEDIATION NOTICE

WASHINGTON PARK CORPORATE  
CENTER, LOT 2  
4400 BLOCK OF E. WASHINGTON ST.  
PHOENIX, ARIZONA

JOB NO. 2187JK026



**Western  
Technologies  
Inc.**

The Quality People  
Since 1955

### PHOENIX - ARIZONA

3737 East Broadway Road  
Phoenix, Arizona 85040-2921  
(602) 437-3737 • fax 470-1341

Prepared For:

AIG  
4800 N. Scottsdale Road,  
Suite 1200  
Scottsdale, Arizona

May 18, 2007

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#### ARIZONA

CASA GRANDE      FORT MOHAVE  
COTTONWOOD      LAKESIDE  
FLAGSTAFF      LAKE HAVASU CITY

PHOENIX  
PREScott

SIERRA VISTA  
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ALBUQUERQUE  
FARMINGTON

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3737 East Broadway Road  
Phoenix, Arizona 85040-2921  
(602) 437-3737 • fax 470-1341

Part C 1G-1

May 18, 2007

United States Environmental Protection Agency  
Region 9  
Mail Code CED-4  
75 Hawthorne Street  
San Francisco, California 94105

Attn: Mr. Max Weintraub

Re: PCB Remediation Notice  
Washington Park Corporate Center  
Lot 2  
4400 Block of East Washington Street  
Phoenix, Arizona

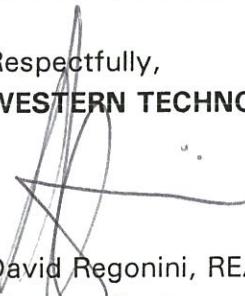
WT Job No. 2187JK026

Western Technologies Inc. presents this remediation notice pursuant to 40 CFR §761.61(a)(3) for planned remediation to address the presence of polychlorinated biphenyls in soil on Lot 2 in the Washington Park Corporate Center, 44<sup>th</sup> Street and Washington Street, in Phoenix, Arizona.

We understand that the rules allow for a 30-calendar day review period once EPA receives this notice. We are very interested in exploring possibilities to expedite the review process. If there are any options available, please contact us to discuss them. Copies of this notice have been submitted to the Arizona Department of Environmental Quality and to the Maricopa County Environmental Services, Air Quality Program.

If you have any questions about this notice, feel free to contact David Regonini at Western Technologies Inc. at 602-437-3737. Thank you for your attention to our project. We look forward to review and commentary.

Respectfully,  
**WESTERN TECHNOLOGIES INC.**

  
David Regonini, REA  
Director, Environmental Services

C: Arizona Department of Environmental Quality  
Maricopa County Environmental Services Department

**WASHINGTON PARK CORPORATE CENTER, LOT 2  
44<sup>TH</sup> STREET AND WASHINGTON STREET  
PHOENIX, ARIZONA**

**PCB REMEDIATION NOTICE  
WT JOB NO. 2187JK026**

Western Technologies Inc. (WT) submits this notice of remediation pursuant to the requirements of the self-implementing clean-up procedures contained in 40 CFR § 761.61(a)(3).

The Washington Park Corporate Center contains a multi-use planned development that is bounded by Van Buren Street on the north, Washington Street on the south, State Route 143 on the east, and 44<sup>th</sup> Street on the West. According to records from the Maricopa County Assessor's Office, the Assessor's Parcel Number for the site is 124-10-036A. The cadastral description of the Property, relative to the US Public Land Survey System, is generally within a portion of the southwest ¼ of the northwest ¼ of the northeast ¼ of Section 7, Township 1 North, Range 4 East, Gila and Salt River Baseline and Meridian, Maricopa County, Arizona. The Site currently contains vacant graded land with no structures or occupants. Figure 1 in Appendix A depicts the location of the Site and Figure 2 shows the current condition of the Site and surrounding area on a recent aerial photograph.

**NATURE OF CONTAMINATION, 40 CFR § 761.61(a)(3)(A)**

Surface soils on the Site contain PCBs, specifically Aroclor 1260. In situ concentrations include a maximum level of 54 mg/kg in one grid, a range of 10 to 14 mg/kg in six grids, a range of 1.2 to 8 mg/kg in 51 grids, two grids at 1 mg/kg and 26 grids below 1 mg/kg. There are no structures or other improvements on the Site. Therefore, no other materials have been impacted.

The site consists of a graded land surface with a proposed master planned development known as the Washington Park Corporate Center. The land has been assembled from multiple parcels formerly containing different uses. To the east was the former National Electric Coil (NEC) facility at 4444 East Washington Street, which was the focus of a TSCA remediation project in the mid-1980s. The source of PCBs at the Site is believed to be from the physical transport of soil with residual PCB material from the NEC location due to grading.

**SAMPLING PROCEDURES 40 CFR § 761.61(a)(3)(B)**

A preliminary evaluation for the presence of PCBs was made in a phase II environmental site assessment in June 2006 (WT Report No. 2186XK117). A sample spacing of 50 feet was used to overlay an area with 20 sample points. Each sample point was analyzed as an individual grab sample or as part of a composite analysis. Table 1 at the end of this document summarizes the preliminary phase II assessment data. PCB concentrations detected in the samples ranged



*Washington Park Corporate Center, Lot 2*

*PCB Remediation Notice*

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from 0.12 to 18 milligrams per kilogram (mg/kg). Sample points P11 and P15 were later determined to be off the Site within a proposed street right-of-way.

The initial area of concern was estimated at 54 meters north-to-south and 108 meters east-to-west using the data collected during the Phase II ESA. A uniform grid using a 3-meter square grid pursuant to the procedures outlined in Sub-Part N (§761.265(a)) was used to characterize the surface of the Site. The grid was established with north-south and east-west grid lines overlaying the center of the area of concern, and extended eastward to the east lot line and to the north, south, and west, beyond the original limits of the preliminary assessment samples.

The grid contained 37 north-south grid lines and 18 east-west grid lines. Later, five grid lines along the south, one grid line along the north, and one grid line along the west were added to expand the pre-clean-up assessment area. The grid lines oriented east-to-west were labeled with letters, beginning with "A" at the south row to "R" at the north row, and the gridlines oriented north-to-south were labeled with numbers, beginning with "1" on the west column to 37 on the east column. The added lines to the south were further labeled with an "S" and the added lines to the west were further labeled with a "W". The individual sample points defined by the gridline intersections were identified with the corresponding letter and number designation.

The ends of the grid lines oriented north-to-south were staked by driving 2-foot lengths of rebar into the ground and those stakes remain to mark the grid location. Survey string was strung from the north to corresponding south stakes, and 3-meter intervals were flagged along the stake to create the grid points. A check for square was made by comparing the two diagonal distances from the grid corner points to the calculated target distance of 120.75 meters. A distance of 121.03 meters was measured along the diagonal between the northwest and southeast corner points, and a distance of 120.5 meters was measured along the diagonal between the southwest and northeast corner points. Given that these measurements were only 0.28 m and 0.25 m deviant from the target, we considered the grid to be sufficiently square. Where sampling extended beyond the original grid, additional gridlines were staked and flagged using geometric measurements from the existing grid to ensure a square grid.

The initial sampling task involved the collection of 9-point square composites. Subsequent sampling events were conducted around the perimeter of the grid and those samples consisted of linear composites encompassing four, six, seven and nine points. Additional 5-gram aliquots of soil were retrieved from each grid point comprising the 4- and 6-point composites to recover sufficient soil.

A composite collection technique was used in the field to create the grid composite samples. At each grid point, soils were loosened and mixed using a pre-cleaned rock hammer with an approximate 3- to 4-inch diameter area to a depth of 4 inches. Soils were collected using plastic, disposable 5-gram Terra Core sample collection devices. At each grid point, three 5-gram aliquots of soil were transferred directly to a 4-ounce glass jar. At each square grid consisting of 9 grid



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points, a total mass of 135 grams of soil was collected. The 4-point grids were comprised of six 5-gram aliquots from each point and the 6-point grids were comprised of four 5-gram aliquots from each point, resulting in 120 grams of soil for those composites. The seven-point grids were comprised of three 5-gram aliquots for a total of 105 grams of soil. The 105- to 135-gram masses were sufficient for the laboratory to analyze the samples and perform quality control tests. Once each composite sample was collected, the jar was capped, labeled and mixed by repeatedly tumbling and rotating it by hand. Between grid points, the rock hammer was decontaminated using a procedure that consisted of spraying and wiping the hammer with a Liquinox soapy water solution, followed by a de-ionized water spray rinse, then by a methanol spray rinse.

The composite samples were identified by labeling them with the alpha-numeric codes for the first and last sample points comprising each composite. Field duplicate samples were also collected by repeating the composite collection procedure and they were labeled with the alpha-numeric codes for the last and first sample points. For example, composite sample J22-L24 was duplicated and identified as Sample L24-J22. The relative percent differences (RPD) for the eleven duplicate pairs ranged from 5% to 67%. The highest RPD was calculated for duplicate pair D2W-I2W and I2W-D2W, which were reported with 0.05 and 0.025 mg/kg of PCBs respectively, for a range of 0.025 mg/kg. Given that these results were near the quantitation limit of 0.017, the high RPD was attributed to the trace concentrations of the samples. The average RPD for the eleven duplicate pairs was calculated at 26.7%. Without the highest RPD value of 67%, the average RPD becomes 21%.

A total of 86 composite samples and eleven duplicates were collected. All samples were documented on a chain-of-custody record and stored in a cooler with ice for delivery to Environmental Science Corporation (ESC) in Mount Juliet, Tennessee. ESC was instructed to analyze the samples using EPA method 8082. Table 2 at the end of this document summarizes the PCB results for the grid samples. Appendix B contains copies of the analytical chemistry reports and chains-of-custody records.

**LOCATION AND EXTENT OF IDENTIFIED CONTAMINATED AREA 40 CFR § 761.61(a)(3)(C)**

The proposed use of the Site will be a commercial hotel. Therefore, the clean-up level will be 1 mg/kg. The results for the pre-clean-up characterization samples are summarized as follows:

- One Grid, G19-I21, was measured at 54 mg/kg, which was the highest detected value.
- Six grids, J19-L21, J22-L24, G22-I24, G25-I27, and G28-I30, were measured with PCB concentrations ranging from 10 mg/kg to 14 mg/kg. These grids adjoined G19-I21 and extended easterly.



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- A total of 28 grids were reported with PCB concentrations at or below 1.0 mg/kg. These grids generally were along the north, west, and south parts of the area of concern.
- Of the remaining 51 grids, the reported concentrations ranged from 1.2 mg/kg to 8 mg/kg, with an average of 3.74 mg/kg. In general, the higher concentrations observed were from the eastern part of the grid, towards the former NEC facility.

The location and extent of the identified contaminated area includes 47 9-point grids and two 4-point grids whose concentration exceeds the 1 mg/kg clean-up standard. The extent of the identified contaminated area extends to the lot line following a proposed right-of-way along the northeastern part of the Site, along the east lot line, and along the south lot line along the east end of the Site, for a 36-meter distance following the Washington Street right-of-way. Grids with results less than or equal to 1 mg/kg define the extent of contamination on the remaining north, west, and south sides of the area of concern. Figure 3 in Appendix A depicts the limits of the proposed removal area. The total estimated surface of the planned removal area covers approximately 4000 square meters. With a planned removal depth of 0.3 meters, the estimated volume of removal is 1200 cubic meters, or approximately 1585 cubic yards.

**CLEANUP PLAN, 40 CFR § 761.61(a)(3)(D)**

The target remediation goal will be 1 mg/kg as specified for high occupancy areas. The remedial approach will involve excavation, loading, transport, and disposal of the removed soil as solid waste. Soil in the vicinity of Grid G19-I21 will be excavated, transported, and disposed as TSCA regulated waste. The consultant, contractor, and selected disposal facilities are listed below:

**Consultant:**

Western Technologies Inc.  
3737 East Broadway Road  
Phoenix, AZ 85040  
Tel: 602-437-3737

**Contractor:**

Ecology Control Industries, Inc.  
3641 East Superior Avenue  
Phoenix, AZ 85040  
Tel: 602-437-2990  
Contractor's License No.  
EPA ID No. AZR000039339



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**TSCA Disposal Facility:**

US Ecology

12 miles South of Beatty, Highway 95

Beatty, Nevada 89003

Tel: 775-553-2203

EPA ID: NVT330010000

**Sub-Title D Disposal Facility:**

Waste Management, Inc.

Butterfield Station Landfill

4404 South 99<sup>th</sup> Avenue

Mobile, Arizona 85239

Tel: 602-256-0630

Areas where soils contain PCB concentrations above 1 mg/kg will be excavated to a depth of 1 foot and stockpiled on Site, then loaded into eighteen wheel end dumps for transport to the designated facility. The planned area of remediation will be staked based on the grid locations derived from the existing grid line end points.

ECI will obtain a dust control permit from Maricopa County Environmental Services. The permit will document areas of disturbance, dust control methods employed, ingress and egress routes to the work site, and engineering controls, including track-out beds and periodic water applications. A water truck will be on-site during all soil disturbing activities to apply suppression water to roadways, the work face, and stockpiles. A copy of the plan will be included in the documentation available at the WT office.

The initial removal work will address the high concentration PCBs in soil within Grid G19-I21. The entire 81 square meter area will be removed to a depth of .3 meter (approximately 1 foot). Once this material has been removed, loaded and segregated from the area, the general excavation will begin. Western Technologies will oversee the excavation work to track depth of removal, shipments leaving the Site, document progress, interpret and respond to unanticipated changed job-site conditions, and to perform the verification grid sampling.

Once grid sections have been cleared to the required 1-foot depth and operations have moved outside the area, confirmation grid sampling according to Sub-Part O, using a 1.5 meter grid, will be conducted. The grid will be laid out prior to the beginning of the excavation work and the end points for the north-south grid lines will be staked outside the excavation area. Metric measuring tapes will be used to identify the 1.5-meter grid intervals by connecting the tape to the staked endpoints of the grid line. This will allow us to perform the closure testing while remediation continues, which provides us the ability to return to the previously excavated grids if the remedial objective was not met by the removal of the initial .3 meter lift. Subsequent lifts of 0.3 meter will be implemented until verification samples are at or below 1 mg/kg. In the event that



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installations Samples will be analyzed by Environmental Science Corporation according to EPA method 8082.

The field work will be conducted using level D personnel protective clothing under a site safety and health plan based on Western Technologies standard Project Safety Assessment. The safety plan will contain the personnel protective clothing requirements and medical emergency contacts and procedures. Work site requirements will include steel-toed shoes, hard hats, safety vests, and work gloves. Sampling work will include the use of disposal latex gloves.

The following schedule is planned, depending on final review by EPA:

- Receipt of Remediation Notice by EPA ..... May 21
- Obtain Waste Profile Approvals ..... June 8
- Obtain Dust Control Permit ..... June 15
- Utility Clearance ..... June 19
- Begin Removal Work ..... June 21
- Complete Removal Work ..... June 26
- Collect/Analyze Sub-Part O Grid Samples ..... June 22-27
- Receive/Review Closure Results ..... July 2
- Prepare/Issue Final Remediation Report ..... July 6

Based on the results of the Phase II Environmental Site Assessment, we do not expect to encounter unplanned conditions. Since the site consists of a cleared and graded lot of land, the only potential event would be the uncovering of a subsurface feature. Materials encountered will be segregated and profiled to determine the concentration of PCBs, and the selection of a final disposal facility. ECI will have additional storage containers, consisting of 20-yard roll-off boxes, on call at the operations yard, which is approximately 5 miles from the Site. These boxes will be used to segregate materials uncovered by the remediation work, but not included in the previous site characterization.



**WASHINGTON PARK CORPORATE CENTER, LOT 2**  
**PCB REMEDIATION NOTICE**  
**WT JOB NO. 2187JK026**

**CERTIFICATION OF DOCUMENT AVAILABILITY**  
**40 CFR § 761.61(a)(3)(E)**

By our signatures, we certify that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the following site:

**PCB Clean-Up Site:** **Lot 2, Washington Park Corporate Center**  
44<sup>th</sup> Street and Washington Street  
Phoenix, Arizona;

are on file at the following location:

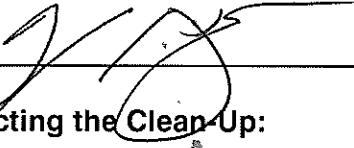
**Document Location:** Western Technologies, Inc.  
3737 East Broadway Road  
Phoenix, Arizona 85040  
WT Job No. 2187JK026  
Tel: 602-437-3737  
Contact: David Regonini, Project Manager

and are available for EPA inspection.

**Owner of the Property:**

Company: AIG Retirement Services, Inc.

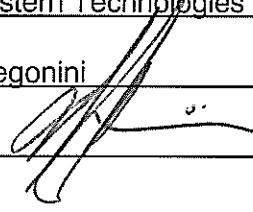
Name: Douglas Tymins Title: Authorized Agent

Signature:  Date: 5/18/07

**Party Conducting the Clean-Up:**

Company: Western Technologies Inc.

Name: David Regonini Title: Director, Environmental Services

Signature:  Date: May 18, 2007

**Table 1**  
**Preliminary PCB Data**  
**Phase II ESA – June 2006**  
**Washington Park Corporate Center, Lot 2**

WT Job No. 2187XK116

<b>Sample Point</b>	<b>Collected</b>	<b>Analyzed</b>	<b>Depth</b>	<b>PCB Results in mg/kg</b>
P1	5-19-06	5/31/06	Surface	1.9
P1-1	5-22-06	5-25-06	1 foot	.12
P1-3	5-22-06	5-25-06	3 feet	<0.085
P2	5-22-06	5-25-06	Surface	.86
P3	5-19-06	5/30/06 5/31/06	Surface	4.8
P3-1	5-22-06	5-25-06 5-26-06	1 foot	1.3
P3-3	5-22-06	5-25-06	3 feet	<0.085
P4	5-22-06	5-25-06	Surface	7.2
P4-1	5-22-06	5-25-06	1 foot	<0.085
P4-3	5-22-06	5-25-06	3 feet	<0.085
P5	5-22-06	5-25-06	Surface	5.5
P7	5-19-06	5/30/06 5/31/06	surface	6.8
P8	5-22-06	5-25-06	surface	12
P10	5-22-06	5-25-06	surface	18
P11	5-22-06	5-25-06	surface	9.7
P11-1	5-22-06	5-30-06 5-31-06	1 foot	2.3
P11-3	5-22-06	5-30-06 5-31-06	3 feet	3.0
P12	5-22-06	5-25-06	Surface	0.77
P15	5-22-06	5-25-06	Surface	0.6
P15-1	5-22-06	5/30/06	1 foot	<0.017
P15-3	5-22-06	5-30-06	3 feet	<0.017
Comp C (P6, P9, P10, P13, P14)	5-22-06	5-30-06 5-31-06	Surface	6.5
Comp D (P16, P17, P18, P19, P20)	5-22-06	5/30/06	Surface	0.51

Table 2  
Summary of Grid Composite Results  
Washington Park Corporate Center, Lot 2

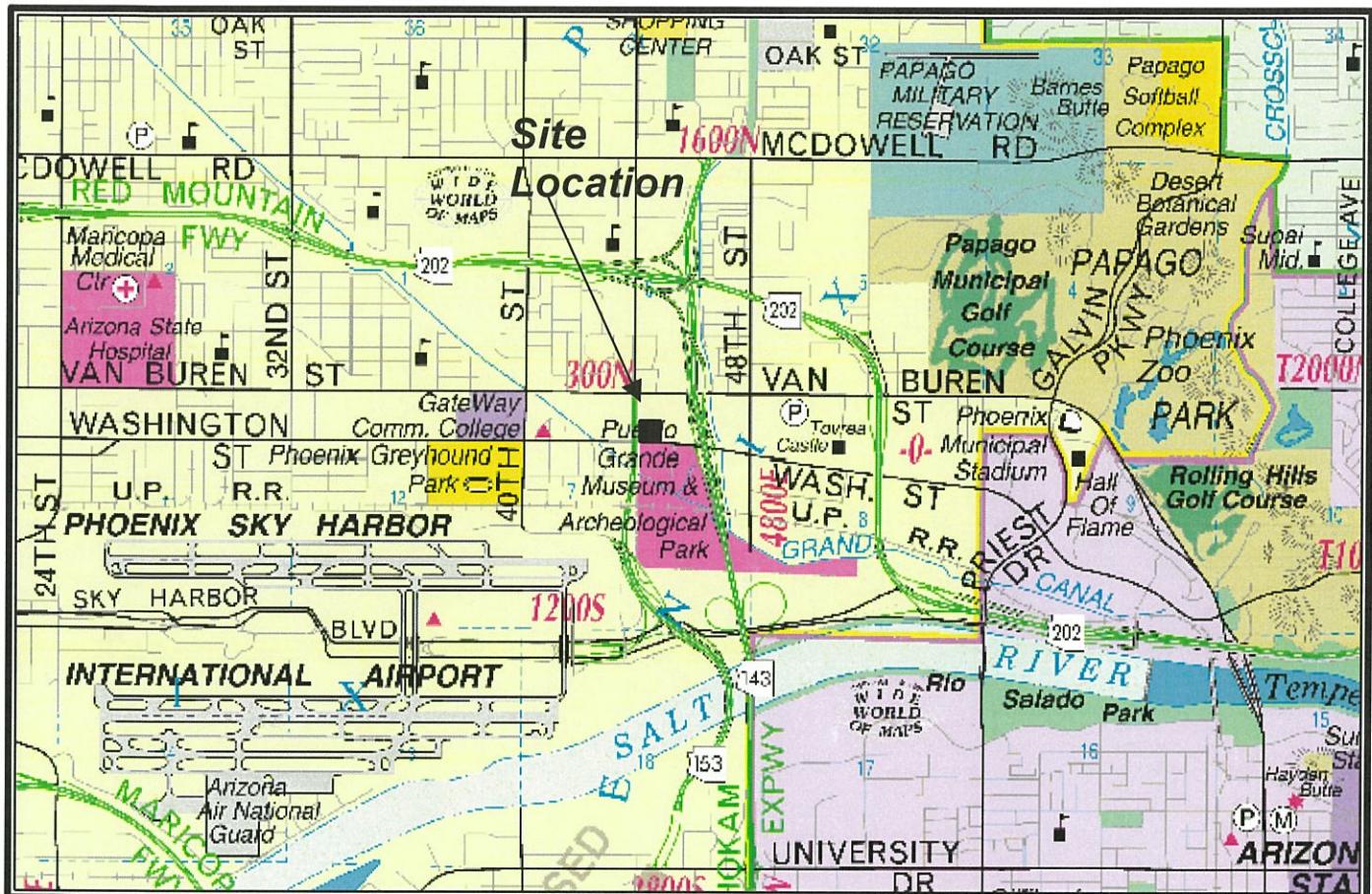
WT Job No. 2187JK026

Sample No.										S25-S30	S31-S37				
Sampled										1/26/07	1/26/07				
Analyzed										1/29/07	1/29/07				
Result (mg/kg)										0.29	0.44				
Sample No.	P1-R3	P4-R6	P7-R9	P10-R12	P13-R15	P16-R18	P19-R21	P22-R24	P25-R27	P28-R30	P31-R33	P34-R36	J37-R37		
Sampled	1/12/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07		
Analyzed	1/15/07	1/18/07	1/18/07	1/18/07	1/16/07	1/18/07	1/16/07	1/18/07	1/18/07	1/18/07	1/17/07	1/17/07	1/17/07		
Result (mg/kg)	0.43	0.47	0.33	0.35	0.26	0.68	0.13	0.48	1.2	1.6	2.6	5.8	5.2		
Sample No.	M1-O3	M4-O6	M7-O9 O9-M7	M10-O12	M13-O15	M16-O18	M19-O21	M22-O24	M25-O27	M28-O30	M31-O33 O33-M31	M34-O36			
Sampled	1/12/07	1/15/07	1/12 1/12	1/12/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15 1/15	1/15/07			
Analyzed	1/15/07	1/18/07	1/16 1/17	1/15/07	1/16/07	1/17/07	1/17/07	1/17/07	1/18/07	1/18/07	1/17 1/17	1/18/07			
Result (mg/kg)	0.21	0.29	0.4 / 0.5	0.57	3.3	2.1	5.2	4.2	6.3	5.0	5.4 / 6.0	4.7			
Sample No.	J1-L3	J4-L6	J7-L9	J10-L12 L12-J10	J13-L15	J16-L18	J19-L21	J22-L24 L24-J22	J25-L27	J28-L30	J31-L33	J34-L36			
Sampled	1/12/07	1/12/07	1/12/07	1/12 1/12	1/15/07	1/15/07	1/15/07	1/15 1/15	1/15/07	1/15/07	1/15/07	1/15/07			
Analyzed	1/15/07	1/15/07	1/16/07	1/15 1/15	1/17/07	1/17/07	1/16/07	1/16 1/16	1/18/07	1/17/07	1/17/07	1/18/07			
Result (mg/kg)	0.5	6.6	0.21	4.4 / 3.4	3.8	5.0	11	12 / 8.4	11	8.0	2.9	5.0			
Sample No.	D2W-I2W I2W-D2W	G1-I3	G4-I6 I6-G4	G7-I9	G10-I12	G13-I15	G16-I18	G19-I21	G22-I24	G25-I27	G28-I30	G31-I33	G34-I36		
Sampled	1/26 1/26	1/12/07	1/12 1/12	1/12/07	1/12/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15 1/15		
Analyzed	1/30 1/30	1/15/07	1/15 1/15	1/16/07	1/15/07	1/17/07	1/17/07	1/16/07	1/17/07	1/17/07	1/17/07	1/18/07	1/17 1/17		
Result (mg/kg)	.05 / .025	4.3	2.4 / 3.3	0.26	0.9	1.8	5.6	54	12	14	10	3.1	4.3		
Sample No.	D1-F3	D4-F6	D7-F9	D10-F12	D13-F15	D16-F18	D19-F21 F21-D19	D22-F24	D25-F27	D28-F30 F30-D28	D31-F33	D34-F36			
Sampled	1/12/07	1/12/07	1/12/07	1/12/07	1/15/07	1/15/07	1/15 1/15	1/15/07	1/15/07	1/15 1/15	1/15/07	1/15/07			
Analyzed	1/15/07	1/15/07	1/16/07	1/15/07	1/17/07	1/17/07	1/17 1/17	1/17/07	1/17/07	1/17 1/17	1/17/07	1/18/07			
Result (mg/kg)	4.8	2.4	1.1	2.9	1.0	6.2	2.3 / 2.6	7.0	7.7	6.8 / 6.4	1.5	3.4			
Sample No.	A1-C3	A4-C6	A7-C9	A10-C12	A13-C15	A16-C18	A19-C21	A22-C24	A25-C27 C27-A25	A28-C30	A31-C33	A34-C36			
Sampled	1/12/07	1/12/07	1/12/07	1/12/07	1/15/07	1/15/07	1/15/07	1/15/07	1/15 1/15	1/15/07	1/15/07	1/15/07			
Analyzed	1/15/07	1/15/07	1/16/07	1/15/07	1/17/07	1/17/07	1/17/07	1/17/07	1/17 1/17	1/18/07	1/17/07	1/18/07			
Result (mg/kg)	0.98	0.42	0.25	1.1	1.2	1.7	0.75	1.0	1.6 / 1.2	4.1	4.6	4.8			
Sample No.	BS10-BS18					BS22-BS28					BS29-BS37				
Sampled	1/30/07					1/26/07					1/26/07				
Analyzed	2/5/07					1/30/07					1/29/07				
Result (mg/kg)	0.95					0.096					2.1				
Sample No.										CS27-FS27	CS28-FS28	CS29-CS37			
Sampled										2/12/07	2/12/07	2/2/07			
Analyzed										2/19/07	2/19/07	2/7/07			
Result (mg/kg)										2.1	3.1				
Sample No.										DS29-DS37					
Sampled										2/12/07					
Analyzed										2/19/07					
Result (mg/kg)										2.6					
Sample No.										ES29-ES37					
Sampled										2/12/07					
Analyzed										2/19/07					
Result (mg/kg)										1.7					
Sample No.										FS29-FS37 FS37-FS29					
Sampled										2/12 2/12					
Analyzed										2/19 2/19					
Result (mg/kg)										1.7 / 1.3					

## **APPENDIX A**



Figure 1 – Vicinity Map  
Washington Park Corporate Center Lot 2  
Washington Street and 44<sup>th</sup> Street  
Phoenix, Arizona

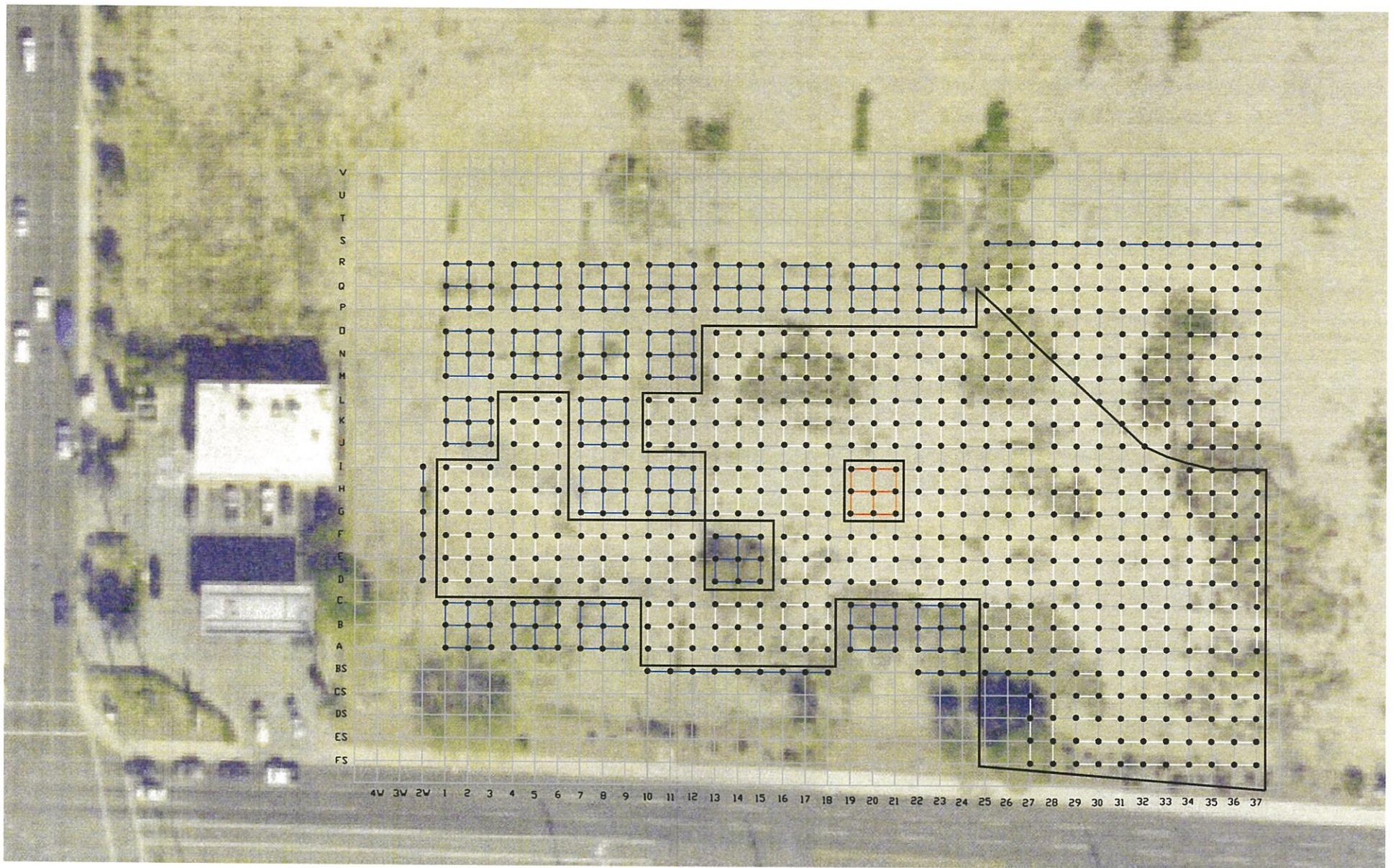


	AIG
	PCB Remediation Notice
	Western Technologies Inc.
Not to Scale	Job No. 2187JK026
	Figure: 1

Figure 2 – 2007 Aerial Photograph  
Washington Park Corporate Center, Lot 2  
Washington Street and 44<sup>th</sup> Street  
Phoenix, Arizona



	AIG
	PCB Remediation Notice
<b>Western Technologies Inc.</b>	
Job No. 2187JK026	
Figure: 2	



LEGEND:

- APPROXIMATE LOCATION OF SAMPLE
- < 1.0 ppm
- > 1.0 ppm
- 54 ppm

NOTE: "THE GRID IS BASED ON A 3 METER SQUARE DIMENSION"

4W 3W 2W 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37

V  
U  
T  
S  
R  
Q  
P  
D  
N  
M  
L  
K  
J  
I  
H  
G  
F  
E  
D  
C  
B  
A  
BS  
CS  
DS  
ES  
FS

APPROX: 1"=65'



WASHINGTON PARK PCB REMEDIATION

Sample Location Diagram

Western Technologies Inc.

Job No.: 2187JK026

Plate: 3

## **APPENDIX B**





ENVIRONMENTAL  
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Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

### Report Summary

Tuesday January 16, 2007

Report Number: L276404

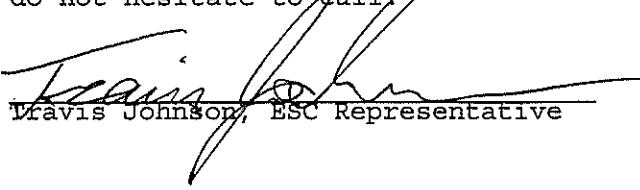
Samples Received: 01/13/07

Client Project: 2187JK026

Description: Washington Park

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

### Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276404-01

Date Received : January 13, 2007

Site ID :

Description : Washington Park

Project # : 2187JK026

Sample ID : G10-II12

Collected By : D Regonini  
Collection Date : 01/12/07 15:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.90	0.085	mg/kg	8082	01/15/07	5
PCBs Surrogates						
Decachlorobiphenyl	125.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : M10-012  
Collected By : D Regonini  
Collection Date : 01/12/07 16:18

ESC Sample # : L276404-02  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.57	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	106.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	108.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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avid Regonini  
37 East Broadway Rd.  
Phoenix, AZ 85040

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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Quality Assurance Report  
Level II  
L276404

January 16, 2007

lyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units			
1016	< .017	mg/kg		01/15/07 13:54	WG283037
1221	< .017	mg/kg		01/15/07 13:54	WG283037
1232	< .017	mg/kg		01/15/07 13:54	WG283037
1242	< .017	mg/kg		01/15/07 13:54	WG283037
1248	< .017	mg/kg		01/15/07 13:54	WG283037
1254	< .017	mg/kg		01/15/07 13:54	WG283037
1260	< .017	mg/kg		01/15/07 13:54	WG283037

lyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1260	mg/kg	.167	0.185	111.	64-120	WG283037

lyte	Units	Laboratory Control Sample Duplicate				%Rec	Batch
		LCSD	Res	Ref	Res		
1260	mg/kg	0.169	0.185	9.51	20	101	WG283037

atch number /Run number / Sample number cross reference

WG283037: R303757: L276404-01 02

\* \* Calculations are performed prior to rounding of reported values .



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SCIENCE CORP.

Stern Technologies  
David Regonini  
37 East Broadway Rd.  
Phoenix, AZ 85040

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
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Quality Assurance Report  
Level II  
L276404

January 16, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

WTI  
3737 E BROADWAY RD  
PHOENIX AZ 85046

Report to: D. REGONINI Email to: DAVID.R@WT-US.COM

Project Description: WASHINGTON PARK City/Sate Collected PHOENIX, AZ

Phone: 602-437-3737 Client Project #: 2187JK026

FAX: 602-470-1341

Collected by: D. REGONINI

Collected by (signature):

Packed on Ice N Y X

Sample ID

Rush? (Lab MUST Be Notified)

- Same Day..... 200%
- Next Day..... 100%
- Two Day..... 50%
- Three Day..... 25%

Date Results Needed:

- Email?  No  Yes
- FAX?  No  Yes

No. of Cntrs

PCKS

G10 - I12

Comp/Grab

SS

Matrix\*

Depth

Date

Time

1-12-07

3:50

1

X

M10 - O12

Comp

SS

CoCode: (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant

Sample # (lab only)

L276Y0Y-01

02

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Samples returned via:  UPS

FedEx  Courier

Condition:

CO sealed

(lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp:

Bottles Received:

Flow

Other

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

pH Checked:

NCF:

1-13-07

0800



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Fax (615) 758-5859  
Tax I.D. 62-0814289

Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.

Phoenix, AZ 85040

### Report Summary

Tuesday January 16, 2007

Report Number: L276406

Samples Received: 01/13/07

Client Project: 2187JK026

Description: Washington Park

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

Travis Johnson, ESC Representative

### Laboratory Certification Numbers

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GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

REPORT OF ANALYSIS

January 16, 2007

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : A1-C3  
Collected By : T Butler  
Collection Date : 01/12/07 00:00

ESC Sample # : L276406-01  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.98	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	140.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	108.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276406-02

Sample ID : D1-I3

Site ID :

Collected By : T Butler  
Collection Date : 01/12/07 00:00

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	4.8	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	108.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : A4-C6  
Collected By : T Butler  
Collection Date : 01/12/07 00:00

ESC Sample # : L276406-03

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.42	0.085	mg/kg	8082	01/15/07	5
PCBs Surrogates						
Decachlorobiphenyl	87.2		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	84.9		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : G1-I3  
Collected By : T Butler  
Collection Date : 01/12/07 00:00

ESC Sample # : L276406-04

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	4.3	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	118.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	97.8		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : D4-F6  
Collected By : T Butler  
Collection Date : 01/12/07 00:00

ESC Sample # : L276406-05

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	6.8	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	102.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	101.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276406-06

Sample ID : G4-I6

Site ID :

Collected By : T Butler  
Collection Date : 01/12/07 00:00

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1221	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1232	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1242	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1248	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1254	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1260	2.4	0.17	mg/kg	8082	01/15/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	106.		% Rec.	8082	01/15/07	10
Tetrachloro-m-xylene	102.		% Rec.	8082	01/15/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276406-07

Date Received : January 13, 2007  
Description : Washington Park

Site ID :

Sample ID : I6-G4

Project # : 2187JK026

Collected By : T Butler  
Collection Date : 01/12/07 00:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1221	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1232	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1242	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1248	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1254	BDL	0.17	mg/kg	8082	01/15/07	10
PCB 1260	3.3	0.34	mg/kg	8082	01/16/07	20
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	120.		% Rec.	8082	01/15/07	10
Tetrachloro-m-xylene	104.		% Rec.	8082	01/15/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 01/16/07 16:09 Printed: 01/16/07 16:10



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Est. 1970

REPORT OF ANALYSIS

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

January 16, 2007

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : J4-L6  
Collected By : T Butler  
Collection Date : 01/12/07 00:00

ESC Sample # : L276406-08  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	6.6	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	135.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	99.8		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L276406-02	PCB 1016	O
	PCB 1221	O
	PCB 1232	O
	PCB 1242	O
	PCB 1248	O
	PCB 1254	O
L276406-07	Decachlorobiphenyl	J1

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

**Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

**Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

**Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

**TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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western Technologies  
avid Regonini  
737 East Broadway Rd.  
Phoenix, AZ 85040

Quality Assurance Report  
Level II  
L276406

January 16, 2007

alyte	Laboratory Blank		Date Analyzed	Batch
	Result	Units		
3 1016	< .017	mg/kg	01/15/07 13:54	WG283037
3 1221	< .017	mg/kg	01/15/07 13:54	WG283037
3 1232	< .017	mg/kg	01/15/07 13:54	WG283037
3 1242	< .017	mg/kg	01/15/07 13:54	WG283037
3 1248	< .017	mg/kg	01/15/07 13:54	WG283037
3 1254	< .017	mg/kg	01/15/07 13:54	WG283037
3 1260	< .017	mg/kg	01/15/07 13:54	WG283037

alyte	Laboratory Control Sample			% Rec	Limit	Batch
	Units	Known Val	Result			
3 1260	mg/kg	.167	0.185	111.	64-120	WG283037

alyte	Laboratory Control Sample Duplicate						Batch
	Units	LCSD	Res	Ref	Res	RPD	
3 1260	mg/kg	0.169	0.185	9.51	20	101	WG283037

Batch number /Run number / Sample number cross reference

WG283037: R303757: L276406-01 02 03 04 05 06 07 08

\* \* Calculations are performed prior to rounding of reported values .



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Stern Technologies  
David Regonini  
137 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
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Quality Assurance Report  
Level II  
L276406

January 16, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

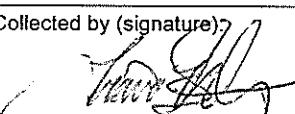
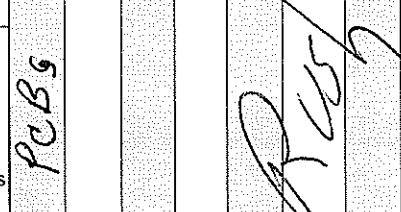
Chain of Custody  
Page \_\_\_\_ of \_\_\_\_

Prepared by:

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12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
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FAX (615) 758-5859

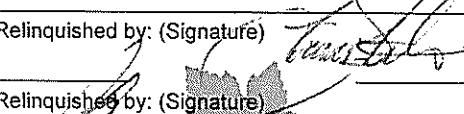
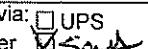
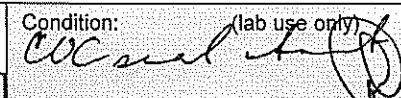
Alternate Billing Information				Analysis/Container/Preservative				Chain of Custody	
WT 1 3737 E. BROADWAY RD PHOENIX, AZ 85040				SAME				Prepared by:	
Report to: D. REGONINI		Email to: DAVID.R@WR-US.COM							
Project Description: WASHINGTON PARK		City/Sate Collected PHOENIX AZ							
Phone: 602-437-3737 Fax: 602-470-1341		Client Project #: 2187JK02L		ESC Key:					
Collected by: T. BUTLER		Site/Facility ID#:		P.O.#:					
Collected by (signature): 		Rush? (Lab MUST Be Notified)		Date Results Needed:		No. of Cntrs		CoCode (lab use only)	
Packed on Ice N Y X		<input type="checkbox"/> Same Day.....200% <input type="checkbox"/> Next Day.....100% <input checked="" type="checkbox"/> Two Day.....50% <input checked="" type="checkbox"/> Three Day.....25%		Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes				Template/Prelogin	
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time		Shipped Via:	
A1-C3					1-12-07				
D1-F3								LZ76V06-01	
A4-C6								02	
G1-I3								03	
D4-F6								04	
G4-I6								05	
I6-G4								06	
J4-L6								07	
								08	

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) 	Date: 1/12/07	Time: 1:57pm	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier 		Condition: 
Relinquished by: (Signature) 	Date: 1/12/07	Time: 5:10pm	Received by: (Signature)	Temp: 5.1°	Bottles Received: 8-402	
Relinquished by: (Signature) 	Date: _____	Time: _____	Received for lab by: (Signature)	Date: 1/13/07	Time: 0600	pH Checked: _____ NCF: _____



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David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Report Summary

Tuesday January 16, 2007

Report Number: L276408

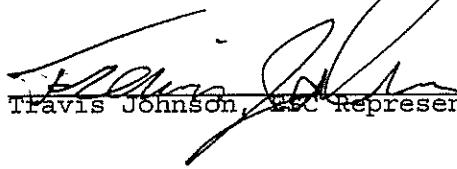
Samples Received: 01/13/07

Client Project: 2187JK027

Description: Washington Park

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : J1-L3  
Collected By : J Konnenberg  
Collection Date : 01/12/07 14:30

ESC Sample # : L276408-01

Site ID :

Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.50	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	107.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	96.3		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : P1-R3  
Collected By : J Konnenberg  
Collection Date : 01/12/07 13:40

ESC Sample # : L276408-02

Site ID :

Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.42	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	103.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	101.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276408-03

Date Received : January 13, 2007  
Description : Washington Park

Site ID :

Sample ID : M1-O3

Project # : 2187JK027

Collected By : J Konnenberg  
Collection Date : 01/12/07 13:39

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	0.21	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	95.5		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	68.4		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : A10-C12  
Collected By : J Konnenberg  
Collection Date : 01/12/07 15:08

ESC Sample # : L276408-04  
Site ID :  
Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	1.1	0.085	mg/kg	8082	01/15/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	123.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276408-05

Sample ID : D10-F12

Site ID :

Collected By : J Konnenberg  
Collection Date : 01/12/07 15:42

Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	2.9	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	99.5		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	93.8		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 16, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276408-06

Sample ID : J10-L12

Site ID :

Collected By : J Konnenberg  
Collection Date : 01/12/07 16:18

Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	4.4	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	113.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	92.7		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

January 16, 2007

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : L12-J10  
Collected By : J Konnenberg  
Collection Date : 01/12/07 16:30

ESC Sample # : L276408-07  
Site ID :  
Project # : 2187JK027

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/15/07	5
PCB 1260	3.4	0.85	mg/kg	8082	01/16/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	109.		% Rec.	8082	01/15/07	5
Tetrachloro-m-xylene	101.		% Rec.	8082	01/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/16/07 16:08 Printed: 01/16/07 16:09



ENVIRONMENTAL  
SCIENCE CORP.

stern Technologies  
avid Regonini  
37 East Broadway Rd.  
oenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report  
Level II  
L276408

January 16, 2007

lyte	Result	Laboratory Blank		Date Analyzed	Batch
		Units	Known Val		
1016	< .017	mg/kg		01/15/07 13:54	WG283037
1221	< .017	mg/kg		01/15/07 13:54	WG283037
1232	< .017	mg/kg		01/15/07 13:54	WG283037
1242	< .017	mg/kg		01/15/07 13:54	WG283037
1248	< .017	mg/kg		01/15/07 13:54	WG283037
1254	< .017	mg/kg		01/15/07 13:54	WG283037
1260	< .017	mg/kg		01/15/07 13:54	WG283037

lyte	Laboratory Control Sample				% Rec	Limit	Batch
	Units	Known Val	Result	% Rec			
1260	mg/kg	.167	0.185	111.	64-120	WG283037	

lyte	Laboratory Control Sample Duplicate						Batch
	Units	LCSD	Res	Ref	Res	RPD	
1260	mg/kg	0.169	0.185	9.51	20	101	WG283037

atch number /Run number / Sample number cross reference

WG283037: R303757: L276408-01 02 03 04 05 06 07

\* \* Calculations are performed prior to rounding of reported values .



ENVIRONMENTAL  
SCIENCE CORP.

western Technologies  
avid Regonini  
737 East Broadway Rd.  
oenix, AZ 85040

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Est. 1970

Quality Assurance Report  
Level II  
L276408

January 16, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.





# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Report Summary

Wednesday January 17, 2007

Report Number: L276449

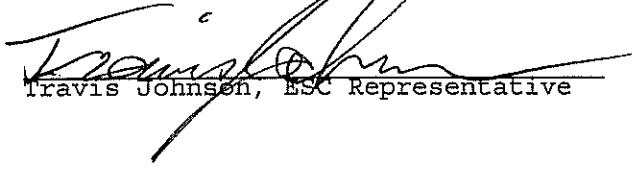
Samples Received: 01/13/07

Client Project: 2187JK026

Description: Washington Park

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

## REPORT OF ANALYSIS

January 17, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
  
Sample ID : D7-F9  
  
Collected By : A Clemons  
Collection Date : 01/12/07 15:10

ESC Sample # : L276449-01  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	1.1	0.085	mg/kg	8082	01/16/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	110.		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	89.1		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/17/07 15:23 Printed: 01/17/07 15:24



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## REPORT OF ANALYSIS

January 17, 2007

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : J7-L9  
Collected By : A Clemons  
Collection Date : 01/12/07 16:07

ESC Sample # : L276449-02  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.21	0.085	mg/kg	8082	01/16/07	5
PCBs Surrogates						
Decachlorobiphenyl	86.0		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	84.4		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/17/07 15:23 Printed: 01/17/07 15:24



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(615) 758-5858  
1-800-767-5859  
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Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## REPORT OF ANALYSIS

January 17, 2007

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : A7-C9  
Collected By : A Clemons  
Collection Date : 01/12/07 14:40

ESC Sample # : L276449-03  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.25	0.085	mg/kg	8082	01/16/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	107.		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	91.1		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/17/07 15:23 Printed: 01/17/07 15:24



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

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## REPORT OF ANALYSIS

January 17, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276449-04

Sample ID : M7-09

Site ID :

Collected By : A Clemons  
Collection Date : 01/12/07 16:26

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.40	0.085	mg/kg	8082	01/16/07	5
PCBs Surrogates						
Decachlorobiphenyl	78.7		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	78.6		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/17/07 15:23 Printed: 01/17/07 15:24



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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Est. 1970

## REPORT OF ANALYSIS

January 17, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park

ESC Sample # : L276449-05

Sample ID : G7-I9

Site ID :

Collected By : A Clemons  
Collection Date : 01/12/07 15:40

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.26	0.085	mg/kg	8082	01/16/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	92.0		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	88.2		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859

Tax I.D. 62-0814289

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## REPORT OF ANALYSIS

January 17, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 13, 2007  
Description : Washington Park  
Sample ID : 09-M7  
Collected By : A Clemons  
Collection Date : 01/12/07 00:00

ESC Sample # : L276449-06

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	0.50	0.085	mg/kg	8082	01/17/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	87.5		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	96.7		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/17/07 15:23 Printed: 01/17/07 15:24

**Attachment A**  
**List of Analytes with QC Qualifiers**

Sample #	Analyte	Qualifier
L276449-01	PCB 1260	J4J3
L276449-02	PCB 1260	J4J3
L276449-03	PCB 1260	J4J3
L276449-04	PCB 1260	J4J3
L276449-05	PCB 1260	J4J3
L276449-06	PCB 1260	J3

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

			Control Limits	(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127
				61-134	

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

**Quality Assurance Report  
Level II**

L276449

January 17, 2007

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
PCB 1016	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1221	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1232	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1242	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1248	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1254	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1260	< .017	mg/kg	01/16/07 09:55	WG283117
PCB 1016	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1221	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1232	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1242	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1248	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1254	< .017	mg/kg	01/16/07 21:18	WG283260
PCB 1260	< .017	mg/kg	01/16/07 21:18	WG283260
Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec Limit Batch
PCB 1260	mg/kg	.167	0.144	86.5 64-120 WG283117
CB 1260	mg/kg	.167	0.157	94.1 64-120 WG283260
Analyte	Units	Laboratory Control Sample Duplicate LCSD Res Ref Res	RPD	Limit %Rec Batch
CB 1260	mg/kg	0.0621 0.144	79.7	20 37 WG283117
PCB 1260	mg/kg	0.117 0.157	29.2	20 70 WG283260
Analyte	Units	Matrix Spike MS Res Ref Res	TV	% Rec Limit Ref Samp Batch
PCB 1260	mg/kg	0.135 0.00	.167	16.2 59-134 L276260-04 WG283117
PCB 1260	mg/kg	10.8 0.00	.167	1300 59-134 L276570-16 WG283260
Analyte	Units	Matrix Spike Duplicate MSD Res Ref Res	RPD	Limit %Rec Ref Samp Batch
CB 1260	mg/kg	0.167 0.135	21.2	20 20.1 L276260-04 WG283117
PCB 1260	mg/kg	10.1 10.8	7.19	20 1210 L276570-16 WG283260

Batch number /Run number / Sample number cross reference

WG283117: R303850: L276449-01 02 03 04 05  
WG283260: R303896: L276449-06

\* \* Calculations are performed prior to rounding of reported values .



# ENVIRONMENTAL SCIENCE CORP.

Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report  
Level II  
L276449

January 17, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address:

WTI  
3737 E BROADWAY RD.  
PHOENIX AZ 85040

Alternate billing information:

Report to: D. REGONINI

Email to: DAVID.R@WT-US.COM

Project Description: WASHINGTON PARK

City/Site Collected PHOENIX

Phone: 602-431-3737

Client Project #: 2187JK026

ESC Key:

FAX: 602-470-1341

Collected by: A. CLEMONS

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

- Same Day..... 200%
- Next Day..... 100%
- Two Day..... 50%
- Three Day..... 25%

Date Results Needed:

No. of Cntrs

PCBS

Email? No Yes

FAX? No Yes

Packed on Ice-N

TRAVIS

# ENVIRONMENTAL SCIENCE CORP.

## SAMPLE NON-CONFORMANCE FORM

Sample No.: L276449

Date: 1.13.07

Evaluated by: JASON D.

Client: BFT WESTCPAZ

### Non-Conformance (check applicable items)

- |                          |  |                                     |   |
|--------------------------|--|-------------------------------------|---|
| <input type="checkbox"/> | Chain of Custody is missing                          | <input checked="" type="checkbox"/> | Login Clarification Needed  |
| <input type="checkbox"/> | Improper container type                              | <input type="checkbox"/>            | Improper preservation   |
| <input type="checkbox"/> | Chain of custody is incomplete                       | <input type="checkbox"/>            | Container lid not in tact   |
| <input type="checkbox"/> | Parameter(s) past holding time                       | <input type="checkbox"/>            | Improper temperature  |
| <input type="checkbox"/> | Broken container(s) see below                        | <input type="checkbox"/>            | Broken container: sufficient sample volume remains for analysis requested |
| <input type="checkbox"/> | Insufficient packing material around container       |                                     |   |
| <input type="checkbox"/> | Insufficient packing material inside cooler          |                                     |   |
| <input type="checkbox"/> | Improper handling by carrier (FedEx / UPS / Courier) |                                     |   |
| <input type="checkbox"/> | Sample was frozen                                    |                                     |   |

Comments: Received 4oz w/ ID: '09-M7  
end time 4:51". This isn't on loc

Login Instructions:

TSR Initials: JF

Client informed by call email / fax / voice mail date: 1-15-07 time: 10:00

Client contact: Please add to project & log for SV8082.



ENVIRONMENTAL  
SCIENCE CORP.

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-757-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

Report Summary

Monday January 29, 2007

Report Number: L276570

Samples Received: 01/16/07

Client Project: 2187JK026

Description: Washington Park Parcel C

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call

Reviewed By:

Travis Johnson, TSC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-01  
Description : Washington Park Parcel C

Sample ID : A19-C21 Site ID :  
Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 08:47

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	0.75	0.085	mg/kg	8082	01/17/07	5
PCBs Surrogates						
Decachlorobiphenyl	81.4		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	83.3		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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## REPORT OF ANALYSIS

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

January 29, 2007

Date Received : January 16, 2007 ESC Sample # : L276570-02  
Description : Washington Park Parcel C Site ID :  
Sample ID : D19-F21 Project # : 2187JK026  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	2.3	0.17	mg/kg	8082	01/17/07	10
PCBs Surrogates						
Decachlorobiphenyl	85.4		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	86.4		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : F21-D19  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:17

ESC Sample # : L276570-03  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	2.6	0.17	mg/kg	8082	01/17/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	80.5		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	82.6		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-04  
Description : Washington Park Parcel C

Sample ID : G19-I21

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 09:39

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	54.	8.5	mg/kg	8082	01/17/07	500
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	110.		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	80.8		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Mt. Juliet, TN 37122  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : J19-L21  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:57

ESC Sample # : L276570-05

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	11.	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	91.1		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	85.0		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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1-800-767-5859  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-06  
Description : Washington Park Parcel C

Sample ID : M19-O21 Site ID :  
Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 10:18

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	5.2	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	97.2		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	100.		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-07

Date Received : January 16, 2007

Description : Washington Park Parcel C

Site ID :

Sample ID : P19-R21

Project # : 2187JK026

Collected By : Travis Butler

Collection Date : 01/15/07 10:37

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.13	0.085	mg/kg	8082	01/16/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	95.8		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	91.1		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-08  
Description : Washington Park Parcel C

Sample ID : A13-C15 Site ID :

Collected By : Travis Butler Project # : 2187JK026  
Collection Date : 01/15/07 08:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.2	0.085	mg/kg	8082	01/17/07	5
PCBs Surrogates						
Decachlorobiphenyl	102.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-09  
Description : Washington Park Parcel C

Sample ID : D13-F15 Site ID :  
Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 08:55

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.0	0.085	mg/kg	8082	01/17/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	103.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	90.7		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Mt. Juliet, TN 37122  
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1-800-767-5859  
Fax (615) 758-5859  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-10

Sample ID : G13-II15

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 09:20

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.8	0.17	mg/kg	8082	01/17/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	107.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	98.5		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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## REPORT OF ANALYSIS

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

January 29, 2007

Date Received : January 16, 2007 ESC Sample # : L276570-11  
Description : Washington Park Parcel C

Sample ID : J13-L15 Site ID :

Collected By : Travis Butler Project # : 2187JK026  
Collection Date : 01/15/07 09:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	3.8	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	96.9		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	92.6		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : M13-O15  
Collected By : Travis Butler  
Collection Date : 01/15/07 10:00

ESC Sample # : L276570-12  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	3.3	0.17	mg/kg	8082	01/17/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	88.5		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	84.6		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

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## REPORT OF ANALYSIS

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3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P13-R15  
Collected By : Travis Butler  
Collection Date : 01/15/07 10:25

ESC Sample # : L276570-13  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	0.26	0.085	mg/kg	8082	01/16/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	94.6		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	89.6		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

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# ENVIRONMENTAL SCIENCE CORP.

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Mt. Juliet, TN 37122  
(615) 758-5858  
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Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-14  
Description : Washington Park Parcel C

Site ID :

Sample ID : A22-C24

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 11:38

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.0	0.085	mg/kg	8082	01/17/07	5
PCBs Surrogates						
Decachlorobiphenyl	99.6		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	97.3		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : D22-F24  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:00

ESC Sample # : L276570-15

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	7.0	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	120.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	95.5		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-16  
Description : Washington Park Parcel C Site ID :  
Sample ID : G22-I24 Project # : 2187JK026  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	12.	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	97.1		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	86.8		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-17

Sample ID : J22-L24

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 12:43

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/16/07	5
PCB 1260	12.	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	93.2		% Rec.	8082	01/16/07	5
Tetrachloro-m-xylene	81.3		% Rec.	8082	01/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-18

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : L24-J22

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:54

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	8.4	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	122.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	90.3		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : M22-O24  
Collected By : Travis Butler  
Collection Date : 01/15/07 13:13

ESC Sample # : L276570-19  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	4.2	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	113.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	99.6		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P22-R24  
Collected By : Travis Butler  
Collection Date : 01/15/07 13:14

ESC Sample # : L276570-20  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.48	0.085	mg/kg	8082	01/18/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	114.		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	94.4		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : M4-O6  
Collected By : Travis Butler  
Collection Date : 01/15/07 08:33

ESC Sample # : L276570-21

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.29	0.085	mg/kg	8082	01/18/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	99.8		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	92.9		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-22

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : P4-R6

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 08:42

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.47	0.085	mg/kg	8082	01/18/07	5
PCBs Surrogates						
Decachlorobiphenyl	109.		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	96.4		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-23

Date Received : January 16, 2007

Description : Washington Park Parcel C

Site ID :

Sample ID : P7-R9

Project # : 2187JK026

Collected By : Travis Butler

Collection Date : 01/15/07 09:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.33	0.085	mg/kg	8082	01/18/07	5
PCBs Surrogates						
Decachlorobiphenyl	118.		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	99.2		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P10-R12  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:23

ESC Sample # : L276570-24  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.35	0.085	mg/kg	8082	01/18/07	5
PCBs Surrogates						
Decachlorobiphenyl	122.		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	94.8		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
  
Sample ID : A37-I37  
  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:36

ESC Sample # : L276570-25

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	4.1	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	124.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	90.4		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-26  
Description : Washington Park Parcel C Site ID :  
Sample ID : J37-R37 Project # : 2187JK026  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:53

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	5.2	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	111.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	81.8		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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1-800-767-5859  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-27

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : I37-A37

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 09:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	3.9	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	122.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	91.5		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Est. 1970

## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-28

Sample ID : A31-C33

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 11:06

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	4.6	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	104.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	90.2		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-29  
Description : Washington Park Parcel C

Site ID :

Sample ID : D31-F33

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 11:23

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.5	0.085	mg/kg	8082	01/17/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	108.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	84.9		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : G31-I33  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:43

ESC Sample # : L276570-30

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	3.1	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	121.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	85.4		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-31

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : J31-L33

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 11:58

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	2.9	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	158.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	93.6		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-32  
Description : Washington Park Parcel C

Site ID :

Sample ID : M31-033

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:19

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	5.4	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	145.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	101.		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-33

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : O33-M31

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:29

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	6.0	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	107.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	89.5		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P31-R33  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:46

ESC Sample # : L276570-34  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	2.6	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	113.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	92.4		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : A16-C18  
Collected By : Travis Butler  
Collection Date : 01/15/07 08:48

ESC Sample # : L276570-35  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	1.7	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	127.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	96.8		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : D16-F18  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:10

ESC Sample # : L276570-36

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	6.2	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	122.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	90.0		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

January 29, 2007

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : G16-II18  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:33

ESC Sample # : L276570-37  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	5.6	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	123.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	96.1		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : J16-L18  
Collected By : Travis Butler  
Collection Date : 01/15/07 09:52

ESC Sample # : L276570-38  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	5.0	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	107.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	95.5		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : M16-O18  
Collected By : Travis Butler  
Collection Date : 01/15/07 10:27

ESC Sample # : L276570-39

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	2.1	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	113.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	59.7		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-40

Sample ID : P16-R18

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 10:57

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/18/07	5
PCB 1260	0.68	0.085	mg/kg	8082	01/18/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	125.		% Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	94.8		% Rec.	8082	01/18/07	5

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : A25-C27  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:50

ESC Sample # : L276570-41  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	1.6	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	149.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	94.9		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Est. 1970

## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : C27-A25  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:57

ESC Sample # : L276570-42  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	1.2	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	144.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	96.8		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : D25-F27  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:04

ESC Sample # : L276570-43

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	7.7	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	129.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	81.4		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : G25-I27  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:13

ESC Sample # : L276570-44  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	14.	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	123.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	95.8		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-45

Description : Washington Park Parcel C

Site ID :

Sample ID : J25-L27

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	11.	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	117.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	92.5		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

ESC Sample # : L276570-46

Date Received : January 16, 2007  
Description : Washington Park Parcel C

Site ID :

Sample ID : M25-O27

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	6.3	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	163.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	105.		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P25-R27  
Collected By : Travis Butler  
Collection Date : 01/15/07 12:53

ESC Sample # : L276570-47

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	1.2	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	121.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	103.		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-48

Sample ID : A34-C36

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 10:24

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	4.8	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	138.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	96.2		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-49

Sample ID : D34-F36

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 10:34

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	3.4	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	120.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	76.8		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C

ESC Sample # : L276570-50

Sample ID : G34-I36

Site ID :

Collected By : Travis Butler  
Collection Date : 01/15/07 10:47

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	4.3	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	142.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	102.		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : J34-L36  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:04

ESC Sample # : L276570-51  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	5.0	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	144.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	96.3		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-52  
Description : Washington Park Parcel C

Sample ID : M34-036 Site ID :

Collected By : Travis Butler Project # : 2187JK026

Collection Date : 01/15/07 11:18

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	4.7	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	115.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	94.1		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : P34-R36  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:29

ESC Sample # : L276570-53

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	5.8	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	140.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	101.		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

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Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
ESC Sample # : L276570-54  
Sample ID : A28-C30  
Site ID :  
Collected By : Travis Butler  
Collection Date : 01/15/07 10:58  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/18/07	50
PCB 1260	4.1	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	135.		% Rec.	8082	01/18/07	50
Tetrachloro-m-xylene	95.8		% Rec.	8082	01/18/07	50

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

Note:

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# ENVIRONMENTAL SCIENCE CORP.

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : D28-F30  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:13

ESC Sample # : L276570-55  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	6.8	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	128.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	81.8		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007  
Description : Washington Park Parcel C  
Sample ID : G28-I30  
Collected By : Travis Butler  
Collection Date : 01/15/07 11:35

ESC Sample # : L276570-56  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	10.	0.85	mg/kg	8082	01/17/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	132.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	80.6		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-57

Description : Washington Park Parcel C

Site ID :

Sample ID : J28-L30

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 11:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	8.0	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates						
Decachlorobiphenyl	145.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	95.2		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-58  
Description : Washington Park Parcel C

Site ID :

Sample ID : M28-O30 Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	5.0	0.85	mg/kg	8082	01/18/07	50
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	97.9		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	73.2		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-59

Description : Washington Park Parcel C

Site ID :

Sample ID : P28-R30

Project # : 2187JK026

Collected By : Travis Butler  
Collection Date : 01/15/07 12:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	1.6	0.085	mg/kg	8082	01/17/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	94.8		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	84.0		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 29, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 16, 2007 ESC Sample # : L276570-60

Description : Washington Park Parcel C

Site ID :

Sample ID : F30-D28

Project # : 2187JK026

Collected By : Travis Butler

Collection Date : 01/15/07 13:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/17/07	5
PCB 1260	6.4	0.85	mg/kg	8082	01/18/07	50
PCBs Surrogates						
Decachlorobiphenyl	132.		% Rec.	8082	01/17/07	5
Tetrachloro-m-xylene	88.7		% Rec.	8082	01/17/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L276570-01	PCB 1260	J3
L276570-02	PCB 1260	J3
L276570-03	PCB 1260	J3
L276570-04	PCB 1260	J3
L276570-05	PCB 1260	J3
L276570-06	PCB 1260	J3
L276570-07	PCB 1260	J3
L276570-08	PCB 1260	J3
L276570-09	PCB 1260	J3
L276570-10	PCB 1260	J3
L276570-11	PCB 1260	J3
L276570-12	PCB 1260	J3
L276570-13	PCB 1260	J3
L276570-14	PCB 1260	J3
L276570-15	PCB 1260	J3
L276570-17	PCB 1260	J3
L276570-31	Decachlorobiphenyl	J1
L276570-32	Decachlorobiphenyl	J1
L276570-40	PCB 1260	J6
L276570-41	Decachlorobiphenyl	J1
L276570-42	Decachlorobiphenyl	J1
L276570-46	Decachlorobiphenyl	J1
L276570-50	Decachlorobiphenyl	J1
L276570-51	Decachlorobiphenyl	J1
L276570-53	Decachlorobiphenyl	J1
L276570-57	Decachlorobiphenyl	J1

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

**Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

**Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

**Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits		(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane 68-128 64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8 76-115 69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene 79-127 61-134

**TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

**Quality Assurance Report  
Level II**

January 29, 2007

L276570

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch				
PCB 1016	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1221	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1232	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1242	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1248	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1254	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1260	< .017	mg/kg	01/16/07 21:18	WG283260				
PCB 1016	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1221	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1232	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1242	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1248	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1254	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1260	< .017	mg/kg	01/17/07 09:50	WG283327				
PCB 1016	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1221	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1232	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1242	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1248	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1254	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1260	< .017	mg/kg	01/17/07 10:22	WG283329				
PCB 1016	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1221	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1232	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1242	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1248	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1254	< .017	mg/kg	01/17/07 09:17	WG283330				
PCB 1260	< .017	mg/kg	01/17/07 09:17	WG283330				
Analyte		Laboratory Control Units	Sample Known Val	Result	% Rec	Limit	Batch	
PCB 1260		mg/kg	.167	0.157	94.1	64-120	WG283260	
PCB 1260		mg/kg	.167	0.173	103.	64-120	WG283327	
PCB 1260		mg/kg	.167	0.150	90.0	64-120	WG283329	
PCB 1260		mg/kg	.167	0.136	81.6	64-120	WG283330	
Analyte		Laboratory Control Units	Sample LCSD Res	Duplicate Ref Res	RPD	Limit	%Rec	Batch
PCB 1260		mg/kg	0.117	0.157	29.2	20	70	WG283260
PCB 1260		mg/kg	0.158	0.173	8.83	20	95	WG283327
PCB 1260		mg/kg	0.171	0.150	12.8	20	102	WG283329
PCB 1260		mg/kg	0.164	0.136	18.4	20	98	WG283330
Analyte		Matrix Units	Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp Batch
PCB 1260		mg/kg	10.8	12.0	.167	0.0	59-134	L276570-16 WG283260
PCB 1260		mg/kg	3.32	3.10	.167	26.4	59-134	L276570-30 WG283327



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David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Quality Assurance Report Level II

January 29, 2007

L276570

Analyte	Matrix	Spike	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch	
PCB 1260	mg/kg	0.715		0.680	.167		4.1	59-134	L276570-40	WG283329	
PCB 1260	mg/kg	4.39		5.00	.167		0.0	59-134	L276570-58	WG283330	
Analyte	Matrix	Spike	Duplicate	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
PCB 1260	mg/kg	10.1		10.8		7.19	20	0.00	L276570-16	WG283261	
PCB 1260	mg/kg	3.41		3.32		2.78	20	37.6	L276570-30	WG283327	
PCB 1260	mg/kg	0.760		0.715		6.14	20	9.60	L276570-40	WG283329	
PCB 1260	mg/kg	4.19		4.39		4.57	20	0.00	L276570-58	WG283330	

### Batch number /Run number / Sample number cross reference

WG283260: R303896: L276570-01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17  
WG283327: R303961: L276570-18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37  
WG283329: R303962: L276570-38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57  
WG283330: R303963: L276570-58 59 60

\* \* Calculations are performed prior to rounding of reported values .



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David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Quality Assurance Report  
Level II  
L276570

January 29, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 1 of 2

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Regonini

Email to: david.r@wt-us.com

Project Description: Washington Park Parcel C

City/Sate Collected Phoenix, AZ

Phone: 602-437-3737

Client Project #:

ESC Key:

Fax: 602-470-1341

2187JK05

Collected by: Travis Butler

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N Y 

Rush? (Lab MUST Be Notified)

 Same Day..... 200% Next Day..... 100% Two Day..... 50% Three Day..... 25%

Date Results Needed:

No. of Cntrs

PCB's per

PCB's

per

PCB's

per

PCB's

per

PCB's

per

PCB's

per

PCB's

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CoCode: (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

L776S70-01

-02

-03

-04

-05

-06

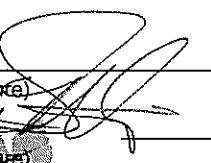
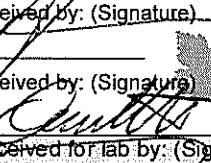
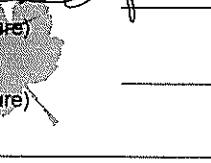
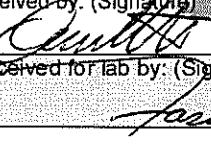
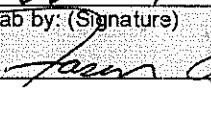
-07

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

Flow Other

Relinquished by: (Signature) 	Date: 1/15/07	Time: 1:20 pm	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input checked="" type="checkbox"/> SWA	Condition: <i>COC seal intact</i>
Relinquished by: (Signature) 	Date: 1/15/07	Time: 3:27	Received by: (Signature) 	Temp: 2.7° Bottles Received: 60-402	Other: OK
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 1-16-07	Time: 07:45

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 2 of 4

Prepared by:

## ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Regonin

Email to: david.r@wt-us.com

Project Description: Washington Park Pond C

City/Site Collected Phx, AZ

Phone 602-437-3737

Client Project #: 2187JK026

ESC Key:

Fax: 602-470-1341

Collected by:

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

 Same Day.....200% Next Day.....100% Two Day.....50% Three Day.....25%

Date Results Needed:

No. of Cntrs

Email?  No  YesFAX?  No  YesPacked on Ice N  Y 

CoCode: (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

A13 - G15	C	SS	Surf	1/15/07	9:40AM	1	X					2776570-08
D13 - F15	C	SS	Surf	1/15/07	8:55AM	1	X					-09
G13 - I15	C	SS	Surf	1/15/07	9:20AM	1	X					-10
J13 - L15	C	SS	Surf	1/15/07	9:40AM	1	X					-11
M13 - O15	C	SS	Surf	1/15/07	10AM	1	X					-12
P13 - R15	C	SS	Surf	1/15/07	10:25AM	1	X					-13

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Flow Other

Remarks:

Relinquished by: (Signature)	Date: 1/15/07	Time: 1:15pm	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input checked="" type="checkbox"/> SWA	Condition: (lab use only)
Relinquished by: (Signature)	Date: 1/15/07	Time: 3:27	Received by: (Signature) 1/15/07 3:27PM	Temp: 27 ° Bottles Received: 60+402	O/C
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 1/16/07 Time: 07:45	pH Checked: NCF:

Company Name/Address:

Western Technologies  
3737 E Broadway Road  
Phoenix, AZ 85040

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 6 of 9

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Reponini Email to: david.r@wt-us.com

Project Description: Washington Park, Parcel C City/Sate Collected Phoenix, AZ

Phone: 602-437-3737 Client Project #: 2187JK026  
FAX: 602-470-1341

ESC Key:

Collected by:

Site/Facility ID#:

P.O.#:

Collected by (signature):

*Jeanne Koenen*

Rush? (Lab MUST Be Notified)

- Same Day..... 200%  
 Next Day..... 100%  
 Two Day..... 50%  
 Three Day..... 25%

Date Results Needed:

No.  
of  
Cntrs*PCB35*Email?  No  YesFAX?  No  Yes

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	CoCode (lab use only)	Template/Prelogin	Shipped Via:	Remarks/Contaminant Sample # (lab only)
A22-C24	C	SS	Surf	1/15/07	11:38	1	X			L06570-14
D22-F24	C	SS	Surf	1/15/07	12:00	1	X			-15
G22-I24	C	SS	Surf	1/15/07	12:20	1	X			-16
J22-L24	C	SS	Surf	1/15/07	12:43	1	X			-17
J22-L2	C	SS	Surf	1/15/07		1				<i>CR</i>
L24-J22	C	SS	Surf	1/15/07	12:54	1	X			-18
M22-O24	C	SS	Surf	1/15/07	1:13	1	X			-19
P22-R24	C	SS	Surf	1/15/07	1:14	1	X			-20

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) <i>Jeanne Koenen</i>	Date: 1/15/07	Time: 1:22 pm	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <i>[Signature]</i>	Condition: (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: 1/15/07	Time: 3:27	Received by: (Signature) <i>[Signature]</i>	Temp: 2.7° Bottles Received: 60-6oz	OK
Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>[Signature]</i>	Time: <i>[Signature]</i>	Received for lab by: (Signature) <i>[Signature]</i>	Date: 1/16/07 Time: 07:45 pH Checked: NCF.	

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85046

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 4 of 9

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Reponin

Email to: david.r@wt-ds.com

Project Description: Washington Park Parcel C

City/State Collected Phx, AZ

Phone: 602-438-3737

Client Project #: 2187JK026

ESC Key:

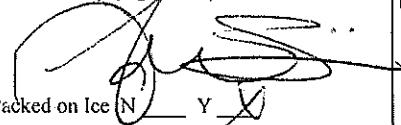
FAX: 602-470-1341

Collected by: A.SUTTER

Site/Facility ID#:

P.O.#:

Collected by (signature):


 Rush? (Lab MUST Be Notified) Same Day.....200% Next Day.....100% Two Day.....50% Three Day.....25%

Date Results Needed:

No. of Cntrs

PCB 5

Email?  No  YesFAX?  No  Yes

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	CoCode	Template/Prelogin	Shipped Via:	Remarks/Contaminant	Sample # (lab only)
M4-Q6	C	SS	Surf	1/15/07	8:33	1	X			Oh	CD6S70-21
P4-R6	C	SS	Surf	1/15/07	8:42	1	X				-22
P7-R9	C	SS	Surf	1/15/07	9:07	1	X				-23
P10-R12	C	SS	Surf	1/15/07	9:23	1	X				-24
A37-I37	C	SS	Surf	1/15/07	9:36	1	X	per T.S. SE.			-25
J37-R37	C	SS	Surf	1/15/07	9:53	1	X				-26
I37-A37	C	SS	Surf	1/15/07	9:44	1	X				-27

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: 1/15/07	Time: 1:08	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: (lab use only)
Relinquished by: (Signature)	Date: 1/15/07	Time: 3:27	Received by: (Signature)	Temp: 52.7° Bottles Received: 60-402	O/C
Relinquished by: (Signature)	Date: 1/16/07	Time: 07:45	Received for lab by: (Signature)	Date: 1/16/07 Time: 07:45	pH Checked: NCF:

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 5 of 4

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Regonini

Email to: david.r@WT-US.com

Project Description: Washington Park, Parcel C

City/State Collected Phx, AZ

Phone: 602-437-3737

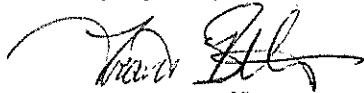
AX: 602-470-1341

Client Project #: 2187JK026

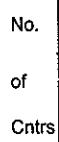
ESC Key:

Collected by: Travis Butter

Collected by (signature):

Acknowledged on Ice N Y X**Rush?** (Lab MUST Be Notified) Same Day.....200% Next Day.....100% Two Day.....50% Three Day.....25%

Date Results Needed:

No.  
of  
Cntrs  
Email?  No  YesFAX?  No  Yes

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time															
A31-C33	C	SS	Surf	1/15/07	11:00	1	X												L276570-28	LRB
D31-F33	C	SS	Surf	1/15/07	11:23	1	X													-29
G31-I33	C	SS	Surf	1/15/07	11:43	1	X													-30
J31-L33	C	SS	Surf	1/15/07	11:58	1	X													-31
M31-O33	C	SS	Surf	1/15/07	12:19	1	X												OH	-32
O33-M31	C	SS	Surf	1/15/07	12:29	1	X												OH	-33
P31-R33	C	SS	Surf	1/15/07	12:46	1	X													-34

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) 	Date: 1/15/07	Time: 1:02 pm	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)	
Relinquished by: (Signature) 	Date: 1/15/07	Time: 3:27	Received by: (Signature) 	Temp: 27° Bottles Received: 60-602	Other OIC	
Relinquished by: (Signature) 	Date: _____	Time: _____	Received for lab by: (Signature) 	Date: 1/16/07	Time: 07:45	pH Checked: _____ NCF: _____

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

Chain of Custody  
Page 6 of 7

Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Reganin

Email to: david.r@ESCT-US.com

Project Description: Washington Park Parcel C

City/State Collected Phx, AZ

Phone: 602-430-3737

Client Project #:

ESC Key:

Fax: 602-470-1341

2187JK026

Collected by:

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N Y

Rush? (Lab MUST Be Notified)

 Same Day.....200% Next Day.....100% Two Day.....50% Three Day.....25%

Date Results Needed:

No. of Cntrs	P	G	C	J
--------------------	---	---	---	---

Email?  No  YesFAX?  No  Yes

CoCode: (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time									
A16 - C18	C	SS	Surf	1/15/07	8:48	1	X							1276570-35
D16 - F18	C	SS	Surf	1/15/07	9:10	1	X							36
G16 - J18	C	SS	Surf	1/15/07	9:33	1	X							-37
J16 - L18	C	SS	Surf	1/15/07	9:52	1	X							-38
M16 - O18	C	SS	Surf	1/15/07	10:27	1	X						OH	-39
P16 - R18	C	SS	Surf	1/15/07	10:57	1	X							-40

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

Flow Other

Relinquished by: (Signature) 	Date: 1/15/07	Time: 1:18pm	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: (Signature) 	Date: 1/15/07	Time: 3:27	Received by: (Signature)	Temp: 21° Bottles Received: 60-4oz	01C
Relinquished by: (Signature) 	Date:	Time:	Received for lab by: (Signature)	Date: 1/16/07 Time: 07:45	pH Checked: NCF:

Company Name/Address:

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

## Analysis/Container/Preservative

Chain of Custody  
Page 1 of 9

Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Report to: David Ragonni

Email to: david.r@wj-us.com

Project Description: Washington Park, Parcel C

City/State Collected: Phx, AZ

Phone: 602-430-3737

Client Project #: 2187JK026

FAX: 602-470-1341

ESC Key:

Collected by: A. Sutler

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

- \_\_\_\_\_ Same Day..... 200%  
 \_\_\_\_\_ Next Day..... 100%  
 \_\_\_\_\_ Two Day..... 50%  
 Three Day..... 25%

Date Results Needed:

- Email?  No  Yes  
 FAX?  No  Yes

No. of Cntrs

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	CoCode	(lab use only)
A25-C27	C	SS	Surf	1/15/07	11:50	1	X	L276570-41
C27-A25	C	SS	Surf	1/15/07	11:57	1	S	-42
D25-F27	C	SS	Surf	1/15/07	12:04	1	>	-43
G25-I27	C	SS	Surf	1/15/07	12:13	1	X	-44
J25-L27	C	SS	Surf	1/15/07	12:25	1	>	-45
M25-O27	C	SS	Surf	1/15/07	12:44	1	>	-46
P25-R27	C	SS	Surf	1/15/07	12:53	1	>	Oh -47

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

Flow Other

Relinquished by: (Signature) 	Date: 1/15/07	Time: 1:03	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: (Signature) 	Date: 1/15/07	Time: 3:27	Received by: (Signature) 	Temp: 71 ° Bottles Received: 60402	OK
Relinquished by: (Signature) 	Date:	Time:	Received for lab by: (Signature) 	Date: 1/16/07	pH Checked: NCF: 07:45

**Company Name/Address:**

Western Technologies  
3737 E Broadway Rd  
Phoenix AZ 85040

**Alternate billing information:**

#### Analysis/Container/Preservative

Chain of Custody  
Page 8 of 9

Prepared by



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

**CoCode**      **(lab use only)**  
**Template/Prelogin**  
**Shipped Via:**

**Remarks/Contaminant**      **Sample # (lab only)**

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

**Remarks:**

### Flow                          Other

Relinquished by: (Signature)

Date: / /

Time:

Received by: (Signature)

Samples returned via:  UPS  
 FedEx  Courier

Condition: \_\_\_\_\_ (check one)

Relinquished by [Signature]

Page 1

Time:

Page 10 of 10

BMW G

*—*

1308

370

Chubb 115

12

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*U*

Company Name/Address

Western Technologies  
3737 E Broadway Rd  
Phoenix, AZ 85040

**Alternate billing information:**

#### Analysis/Container/Preservative

Chain of Custody  
Page 9 of 9

Prepared by

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

CoCode: (lab use only)  
Template/Prelogin  
Shipped Via:

Remarks/Contaminant      Sample # (lab only)

\*Matrix: SS - Soil/Solid    GW - Groundwater    WW - WasteWater    DW - Drinking Water    OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

**Remarks:**

Flow \_\_\_\_\_ Other \_\_\_\_\_

Date:

Time:

Received by (Signature)

Samples returned via:  UPS  
 FedEx  Courier

Condition:  (slab use only)

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178 /

110

Figure 1. A schematic diagram of the experimental setup.

Digitized by srujanika@gmail.com

Digitized by srujanika@gmail.com

#### Balanced budget (Simpler)

B-1

三

*Danilo V.*

60-  
1

Digitized by srujanika@gmail.com



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Report Summary

Wednesday January 31, 2007

Report Number: L278176

Samples Received: 01/27/07

Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESR Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

## REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007  
Description : Washington Park PCB Remediation  
Sample ID : BS22-BS28  
Collected By : A. Sutter  
Collection Date : 01/26/07 14:16

ESC Sample # : L278176-01  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1221	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1232	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1242	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1248	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1254	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1260	0.096	0.017	mg/kg	8082	01/30/07	1
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	76.0		% Rec.	8082	01/30/07	1
Tetrachloro-m-xylene	94.0		% Rec.	8082	01/30/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/31/07 17:05 Printed: 01/31/07 17:06



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

## REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007  
Description : Washington Park PCB Remediation  
Sample ID : BS29-BS37  
Collected By : A. Sutter  
Collection Date : 01/26/07 14:24

ESC Sample # : L278176-02  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1260	2.1	0.17	mg/kg	8082	01/30/07	10
PCBs Surrogates						
Decachlorobiphenyl	90.9		% Rec.	8082	01/29/07	5
Tetrachloro-m-xylene	112.		% Rec.	8082	01/29/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 01/31/07 17:05 Printed: 01/31/07 17:06



**ENVIRONMENTAL  
SCIENCE CORP.**

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Mt. Juliet, TN 37122  
(615) 758-5858  
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Fax (615) 758-5859  
Tax I.D. 62-0814289

Est. 1970

Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

**Quality Assurance Report  
Level II**

January 31, 2007

L278176

Analyte	Laboratory Blank		Date Analyzed	Batch
	Result	Units		
CB 1016	< .017	mg/kg	01/29/07 13:38	WG284860
CB 1016	< .017	mg/kg	01/29/07 18:25	WG284860
CB 1221	< .017	mg/kg	01/29/07 13:38	WG284860
PCB 1221	< .017	mg/kg	01/29/07 18:25	WG284860
PCB 1232	< .017	mg/kg	01/29/07 13:38	WG284860
CB 1232	< .017	mg/kg	01/29/07 18:25	WG284860
CB 1242	< .017	mg/kg	01/29/07 13:38	WG284860
CB 1242	< .017	mg/kg	01/29/07 18:25	WG284860
PCB 1248	< .017	mg/kg	01/29/07 13:38	WG284860
PCB 1248	< .017	mg/kg	01/29/07 18:25	WG284860
CB 1254	< .017	mg/kg	01/29/07 13:38	WG284860
CB 1254	< .017	mg/kg	01/29/07 18:25	WG284860
CB 1260	< .017	mg/kg	01/29/07 13:38	WG284860
PCB 1260	< .017	mg/kg	01/29/07 18:25	WG284860

Analyte	Laboratory Control Sample		% Rec	Limit	Batch
	Units	Known Val	Result		
PCB 1260	mg/kg	.167	0.167	100	64-120 WG284860

Analyte	Laboratory Control Sample Duplicate						Batch	
	Units	LCSD	Res	Ref	Res	RPD	Limit %Rec	
PCB 1260	mg/kg	0.163	0.167	2.39	20	98		WG284860

Analyte	Matrix Spike						Batch			
	Units	MS	Res	Ref	Res	TV	% Rec	Limit	Ref Samp	
PCB 1260	mg/kg	0.169	0.00	.167	20.2	59-134	L278192-06	WG284860		

Analyte	Matrix Spike Duplicate						Batch		
	Units	MSD	Res	Ref	Res	RPD	Limit %Rec	Ref Samp	
PCB 1260	mg/kg	0.199	0.169	16.5	20	23.8	L278192-06	WG284860	

Batch number / Run number / Sample number cross reference

WG284860: R305268: L278176-01 02

\* \* Calculations are performed prior to rounding of reported values .



# ENVIRONMENTAL SCIENCE CORP.

Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
  
Tax I.D. 62-0814289  
  
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Quality Assurance Report  
Level II  
L278176

January 31, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



WTI  
3737 E Broadway Road  
Phoenix, AZ 85040

Alternate billing information:

Report to: D. Regonini  
Email to: david.r@wt-us.com

Project Description: Washington Park PCB Remediation

City/Sate Collected Phoenix, AZ

Phone: 602-437-3737  
FAX: 602-470-1341

Client Project #: 2187JK026

ESC Key:

Collected by: A. SUTTER

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? ( Lab MUST Be Notified )

Same Day..... 200%  
Next Day..... 100%  
Two Day..... 50%  
~~3 DAY RUSH~~

Date Results Needed:

Email?  No  Yes  
FAX?  No  Yes

No. of Cntrs

PCBs

Packed on Ice N

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

BS22-BS28

Comp

SS

SFC

1/26/07

2:16

1

X

PCBs

(lab use only)

BS29-BS37

Comp

SS

↓

2:024

1

X

• BS10-BS18 •

Comp

SS

↓

2:10

1

X

0

0

0

0

0

0

0

0

0

0

0

0

0

0

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)

Date: 1/26/07

Time: 4:34

Received by: (Signature)

Samples returned via:  UPS

FedEx  Courier

SWA

(lab use only)

Relinquished by: (Signature)

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received by: (Signature)

Temp: 3.2°C

Bottles Received: 2-4oz

Condition: *Co-cooled intact*

Relinquished by: (Signature)

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received for lab by: (Signature)

Date: 1/27/07

Time: 0900

pH Checked: \_\_\_\_\_

NCF:

Chain of Custody  
Page 1 of 2

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859



# ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Report Summary

Wednesday January 31, 2007

Report Number: L278179

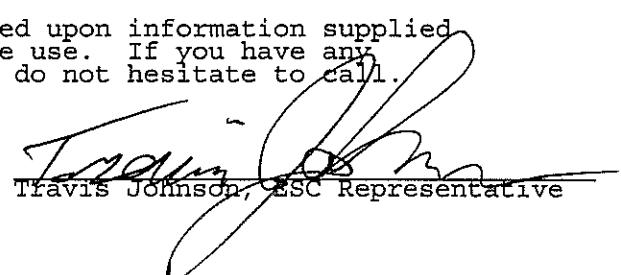
Samples Received: 01/27/07

Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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Est. 1970

## REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007  
Description : Washington Park PCB Remediation  
Sample ID : D2W-12W  
Collected By : A. Sutter  
Collection Date : 01/26/07 14:02

ESC Sample # : L278179-01  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1221	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1232	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1242	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1248	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1254	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1260	0.050	0.017	mg/kg	8082	01/30/07	1
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	103.		% Rec.	8082	01/30/07	1
Tetrachloro-m-xylene	102.		% Rec.	8082	01/30/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/31/07 16:08 Printed: 01/31/07 16:09



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Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007 ESC Sample # : L278179-02  
Description : Washington Park PCB Remediation Site ID :  
Sample ID : I2W-D2W Project # : 2187JK026  
Collected By : A. Sutter  
Collection Date : 01/26/07 13:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1221	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1232	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1242	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1248	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1254	BDL	0.017	mg/kg	8082	01/30/07	1
PCB 1260	0.025	0.017	mg/kg	8082	01/30/07	1
PCBs Surrogates						
Decachlorobiphenyl	91.4		% Rec.	8082	01/30/07	1
Tetrachloro-m-xylene	90.8		% Rec.	8082	01/30/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/31/07 16:08 Printed: 01/31/07 16:09



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12065 Lebanon Rd.  
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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007  
Description : Washington Park PCB Remediation  
Sample ID : S25-S30  
Collected By : A. Sutter  
Collection Date : 01/26/07 13:46

ESC Sample # : L278179-03  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1260	0.29	0.085	mg/kg	8082	01/29/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	78.2		% Rec.	8082	01/29/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/29/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

January 31, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 27, 2007  
Description : Washington Park PCB Remediation  
Sample ID : S31-S37  
Collected By : A. Sutter  
Collection Date : 01/26/07 13:40

ESC Sample # : L278179-04  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1248	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1254	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1260	0.44	0.085	mg/kg	8082	01/29/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	74.4		% Rec.	8082	01/29/07	5
Tetrachloro-m-xylene	95.8		% Rec.	8082	01/29/07	5

BDL - Below Detection Limit  
Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/31/07 16:08 Printed: 01/31/07 16:09



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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Quality Assurance Report  
Level II  
L278179

January 31, 2007

Analyte	Result	Laboratory Units	Blank	Date Analyzed	Batch
PCB 1016	< .017	mg/kg		01/29/07 13:38	WG284860
CB 1016	< .017	mg/kg		01/29/07 18:25	WG284860
CB 1221	< .017	mg/kg		01/29/07 13:38	WG284860
PCB 1221	< .017	mg/kg		01/29/07 18:25	WG284860
PCB 1232	< .017	mg/kg		01/29/07 13:38	WG284860
CB 1232	< .017	mg/kg		01/29/07 18:25	WG284860
CB 1242	< .017	mg/kg		01/29/07 13:38	WG284860
CB 1242	< .017	mg/kg		01/29/07 18:25	WG284860
PCB 1248	< .017	mg/kg		01/29/07 13:38	WG284860
PCB 1248	< .017	mg/kg		01/29/07 18:25	WG284860
CB 1254	< .017	mg/kg		01/29/07 13:38	WG284860
CB 1254	< .017	mg/kg		01/29/07 18:25	WG284860
CB 1260	< .017	mg/kg		01/29/07 13:38	WG284860
PCB 1260	< .017	mg/kg		01/29/07 18:25	WG284860

Analyte	Laboratory Units	Control Known Val	Sample Result	% Rec	Limit	Batch
PCB 1260	mg/kg	.167	0.167	100.	64-120	WG284860

Analyte	Laboratory Units	Control LCSD Res	Sample Ref Res	Duplicate RPD	Limit %Rec	Batch
PCB 1260	mg/kg	0.163	0.167	2.39	20	98

Analyte	Laboratory Units	Matrix MS Res	Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
PCB 1260	mg/kg	0.169	0.00	.167	20.2	59-134	L278192-06	WG284860

Analyte	Laboratory Units	Matrix MSD Res	Spike Ref Res	Duplicate RPD	Limit %Rec	Ref Samp	Batch
PCB 1260	mg/kg	0.199	0.169	16.5	20	23.8	L278192-06

Batch number /Run number / Sample number cross reference

WG284860: R305268: L278179-01 02 03 04

\* \* Calculations are performed prior to rounding of reported values .



# ENVIRONMENTAL SCIENCE CORP.

Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
  
Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report  
Level II  
L278179

January 31, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

WTI  
3737 E Broadway Road  
Phoenix, AZ 85040

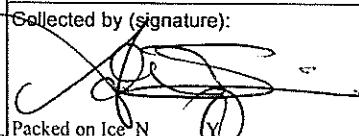
Alternate billing information:

Report to: D. Regonini  
Email to: david.r@wt-us.com

Project Description: Washington Park PCB Remediation City/Site Collected Phoenix, AZ

Phone: 602-437-3737 Client Project #: 2187JK026 ESC Key:

Collected by: A. SUTTER Site/Facility ID#: P.O. #:

Collected by (signature):  
  
 Rush? ( Lab MUST Be Notified )  
 Same Day ..... 200%  
 Next Day ..... 100%  
 Two Day ..... 50%  
 3 DAY RUSH  
 Packed on Ice N Y

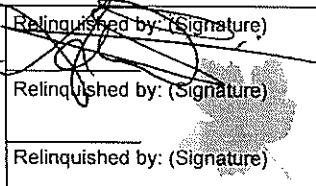
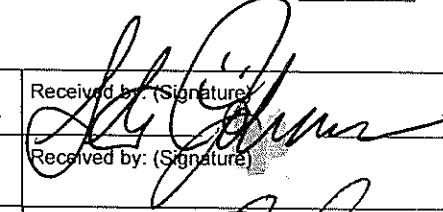
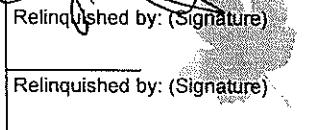
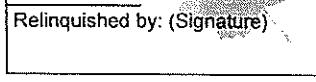
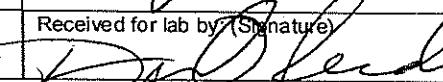
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	PCBs	CoCode (lab use only)	
								Date Results Needed:	Email? No Yes
D2W-I2W	Comp	SS	SFC	1/26/07	2:02	X			
I2W-D2W	Comp	SS			1:57	X			
S25-S30	Comp	SS			1:46	1 X			
S31-S37	Comp	SS	~		1:40	1 X			

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Remarks:

Relinquished by: (Signature) 	Date: 1/26/07	Time: 4:34	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: (Signature) 	Date: _____	Time: _____	Received by: (Signature) 	Temp: 32° Bottles Received: 4-6oz	Condition: (lab use only)
Relinquished by: (Signature) 	Date: _____	Time: _____	Received for lab by: (Signature) 	Date: 1/27/07 Time: 0900	pH Checked: NCF:

Chain of Custody  
Page 2 of 2

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

WTI  
3737 E Broadway Road  
Phoenix, AZ 85040

Alternate billing information:

Report to:  
D. Regonini  
Email to:  
david.r@wt-us.com

Analysis/Container/Preservative

Chain of Custody  
Page 2 of 2

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

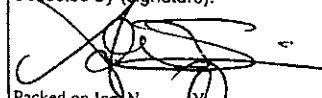
12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Project Description: Washington Park PCB Remediation City/Site Collected Phoenix, AZ

Phone: 602-437-3737 Client Project #: 2187JK026  
FAX: 602-470-1341

Collected by: A. SUTTER Site/Facility ID#: P.O. #:

Collected by (signature):  
  
Packed on Ice? N Y

<input checked="" type="checkbox"/> Rush?	(Lab MUST Be Notified)	Date Results Needed:	No of Cntrs
<input type="checkbox"/> Same Day.....200%		Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	
<input type="checkbox"/> Next Day.....100%			
<input type="checkbox"/> Two Day.....50%			
X 3 DAY RUSH			

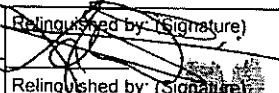
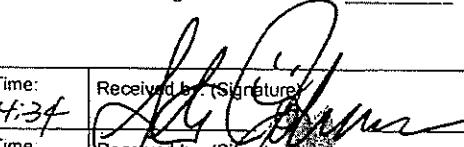
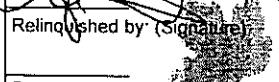
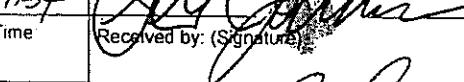
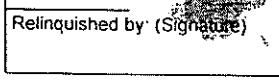
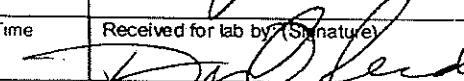
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	PCBs	Remarks/Contaminant	Sample # (lab only)
D2W-I2W	Comp	SS	SFC	1/26/07	2:02	X		1278179-01
I2W-D2W	Comp	SS			1:57	X		02
S25-S30	Comp	SS			1:46	X		03
S31-S37	Comp	SS	~	~	1:40	X		-04

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature) 	Date: 1/26/07	Time: 4:34	Received by: (Signature) 	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)
Relinquished by: (Signature) 	Date	Time	Received by: (Signature) 	Temp: 3.2° Bottles Received: 4-For	
Relinquished by: (Signature) 	Date	Time	Received for lab by: (Signature) 	Date: 1/27/07 Time: 0900	pH Checked: NCF:



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Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.

Phoenix, AZ 85040

## Report Summary

Wednesday February 07, 2007

Report Number: L279003

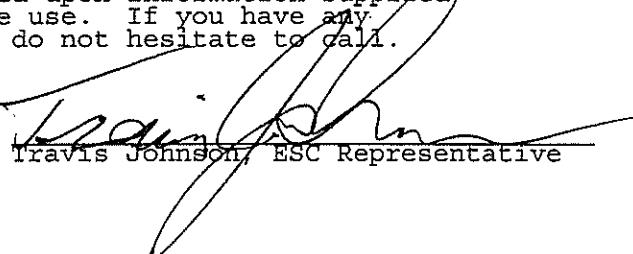
Samples Received: 02/03/07

Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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## REPORT OF ANALYSIS

February 07, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : February 03, 2007  
Description : Washington Park PCB Remediation  
Sample ID : CS29-CS37  
Collected By : A. Sutter  
Collection Date : 02/02/07 14:52

ESC Sample # : L279003-01  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1221	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1232	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1242	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1248	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1254	BDL	0.085	mg/kg	8082	02/07/07	5
PCB 1260	3.1	0.85	mg/kg	8082	02/07/07	50
PCBs Surrogates						
Decachlorobiphenyl	149.		% Rec.	8082	02/07/07	5
Tetrachloro-m-xylene	122.		% Rec.	8082	02/07/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 02/07/07 15:40 Printed: 02/07/07 15:41

Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L279003-01	Decachlorobiphenyl	J1

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

		Control Limits	(AQ)	(SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane 68-128 64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8 76-115 69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Quality Assurance Report Level II L279003

February 07, 2007

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
PCB 1016	< .017	mg/kg	02/07/07 12:34	WG285928
CB 1221	< .017	mg/kg	02/07/07 12:34	WG285928
CB 1232	< .017	mg/kg	02/07/07 12:34	WG285928
CB 1242	< .017	mg/kg	02/07/07 12:34	WG285928
PCB 1248	< .017	mg/kg	02/07/07 12:34	WG285928
PCB 1254	< .017	mg/kg	02/07/07 12:34	WG285928
CB 1260	< .017	mg/kg	02/07/07 12:34	WG285928

Analyte	Result	Laboratory Control Sample Known Val	% Rec	Limit	Batch
CB 1260	0.188	0.167	113.	64-120	WG285928

Analyte	Result	Laboratory Control Sample Duplicate LCSD Res	RPD	Limit	%Rec	Batch
CB 1260	0.188	0.166	12.5	20	99	WG285928

Batch number /Run number / Sample number cross reference

WG285928: R306304: L279003-01

\* \* Calculations are performed prior to rounding of reported values .



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Phoenix, AZ 85040

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## Quality Assurance Report Level II L279003

February 07, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.





WTI  
3737 E. Broadway Rd.  
Phoenix, AZ 85040

Alternate billing information:

Report to:

D. Regonini

Email to:

david.r@wt-us.phx

Project Description: Washington Park PCB Remediation

City/Sate Collected

Phoenix, AZ

Phone: 602-437-3737  
FAX:

Client Project #: 2187JK026

ESC Key:

Collected by: A. Sutter

Site/Facility ID#:

P.O. #:

Collected by (signature):

Rush? ( Lab MUST Be Notified )

Same Day.....200%

Next Day.....100%

Two Day.....50%

3 DAY RUSH

Date Results Needed:

No. of Cntrs

PCBs

Email?  No  Yes

FAX?  No  Yes

Packed on Ice N Y X

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

CS29-CS37

Comp

SS

SFC

2-2-07

7:52

1

x

Chain of Custody  
Page 1 of 1

Prepared by:

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Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)	Date: 2/2/07	Time: 4:43	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier	Condition: (lab use only)		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: _____	Bottles Received: _____		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: _____	Time: _____	pH Checked: _____	NCF: _____



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David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Report Summary

Monday February 05, 2007

Report Number: L278491

Samples Received: 01/31/07

Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESR Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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## REPORT OF ANALYSIS

February 05, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : January 31, 2007  
Description : Washington Park PCBs  
Sample ID : BS10-BS18  
Collected By : A Sutter  
Collection Date : 01/20/07 11:20

ESC Sample # : L278491-01

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1221	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1232	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1242	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1248	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1254	BDL	0.085	mg/kg	8082	02/05/07	5
PCB 1260	0.95	0.085	mg/kg	8082	02/05/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	120.		% Rec.	8082	02/05/07	5
Tetrachloro-m-xylene	106.		% Rec.	8082	02/05/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Quality Assurance Report  
Level II  
L278491

February 05, 2007

Analyte	Result	Laboratory Blank Units	Date Analyzed	Batch
PCB 1016	< .017	mg/kg	02/04/07 12:33	WG285292
CB 1221	< .017	mg/kg	02/04/07 12:33	WG285292
CB 1232	< .017	mg/kg	02/04/07 12:33	WG285292
PCB 1242	< .017	mg/kg	02/04/07 12:33	WG285292
PCB 1248	< .017	mg/kg	02/04/07 12:33	WG285292
PCB 1254	< .017	mg/kg	02/04/07 12:33	WG285292
CB 1260	< .017	mg/kg	02/04/07 12:33	WG285292

Analyte	Result	Laboratory Control Sample Known Val	% Rec	Limit	Batch
CB 1260	0.152	.167	91.1	64-120	WG285292

Analyte	Result	Laboratory Control Sample Duplicate LCSD Res Ref Res	RPD	Limit	%Rec	Batch
CB 1260	0.152	0.158 0.152	3.69	20	94	WG285292

Batch number /Run number / Sample number cross reference

WG285292: R305895: L278491-01

\* \* Calculations are performed prior to rounding of reported values .



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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## Quality Assurance Report Level II

L278491

February 05, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



WTI  
3737 East Broadway RD  
Phoenix, AZ 85040

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody  
Page 1 of 1

Prepared by:

 ENVIRONMENTAL  
SCIENCE CORP.

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859

Project Description: Washington Park PCBs City/Sate Collected Phoenix, AZ

Phone: 602-437-3737 Client Project #: 024  
FAX: 602-470-1341 2187JK036

ESC Key:

Collected by: A. Sutter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? (Lab MUST Be Notified)

Date Results Needed:

No.  
of  
Cntrs

PCBs

Same Day ..... 200%  
Next Day ..... 100%  
Two Day ..... 50%

Email? No Yes

FAX? No Yes

Packed on Ice N Y X

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

x

x

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

BS10-BS18	Comp	SS	sfc	1-30-07	11:20	1	x			ASAP	1278491-01

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

Remarks:

Relinquished by: (Signature)	Date: 1/30/07	Time: 4:27	Received by: (Signature)	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: OK (lab use only)
Relinquished by: (Signature)	Date: _____	Time: _____	Received by: (Signature)	Temp: 31° Bottles Received: 1-4oz	custody seal intact
Relinquished by: (Signature)	Date: _____	Time: _____	Received for lab by: (Signature)	Date: 1-31-07 Time: 0800	pH Checked: NCF: _____



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David Regonini  
Western Technologies  
3737 East Broadway Rd.

Phoenix, AZ 85040

## Report Summary

Monday February 19, 2007

Report Number: L280128

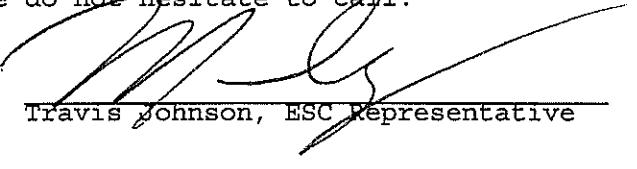
Samples Received: 02/13/07

Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

  
Travis Johnson, ESC Representative

## Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487  
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140  
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233  
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



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## REPORT OF ANALYSIS

February 19, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : February 13, 2007  
Description : Washington Park PCB Remediation  
Sample ID : DS29-DS37  
Collected By : A Sutter  
Collection Date : 02/12/07 14:27

ESC Sample # : L280128-01

Site ID :

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1221	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1232	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1242	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1248	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1254	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1260	2.6	0.34	mg/kg	8082	02/19/07	20
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	0.00		% Rec.	8082	02/19/07	20
Tetrachloro-m-xylene	0.00		% Rec.	8082	02/19/07	20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 02/19/07 16:53 Printed: 02/19/07 16:54



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Est. 1970

## REPORT OF ANALYSIS

February 19, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : February 13, 2007  
Description : Washington Park PCB

ESC Sample # : L280128-02

Sample ID : ES29-ES37

Site ID :

Collected By : A Sutter  
Collection Date : 02/12/07 14:33

Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1221	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1232	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1242	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1248	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1254	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1260	2.6	0.34	mg/kg	8082	02/19/07	20
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	0.00		% Rec.	8082	02/19/07	20
Tetrachloro-m-xylene	0.00		% Rec.	8082	02/19/07	20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
  
Tax I.D. 62-0814289  
  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## REPORT OF ANALYSIS

February 19, 2007

Date Received : February 13, 2007  
Description : Washington Park PCB  
  
Sample ID : FS29-FS37  
  
Collected By : A Sutter  
Collection Date : 02/12/07 14:38

ESC Sample # : L280128-03  
  
Site ID :  
  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1221	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1232	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1242	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1248	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1254	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1260	1.7	0.17	mg/kg	8082	02/19/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	82.8		% Rec.	8082	02/19/07	10
Tetrachloro-m-xylene	88.5		% Rec.	8082	02/19/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Fax (615) 758-5859  
  
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## REPORT OF ANALYSIS

February 19, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : February 13, 2007 ESC Sample # : L280128-04  
Description : Washington Park PCB

Sample ID : FS37-FS29 Site ID :

Collected By : A Sutter Project # : 2187JK026  
Collection Date : 02/12/07 14:42

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1221	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1232	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1242	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1248	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1254	BDL	0.085	mg/kg	8082	02/19/07	5
PCB 1260	1.3	0.085	mg/kg	8082	02/19/07	5
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	91.0		% Rec.	8082	02/19/07	5
Tetrachloro-m-xylene	96.8		% Rec.	8082	02/19/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
Est. 1970

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

## REPORT OF ANALYSIS

February 19, 2007

Date Received : February 13, 2007  
Description : Washington Park PCB  
Sample ID : CS28-FS28  
Collected By : A Sutter  
Collection Date : 02/12/07 14:46

ESC Sample # : L280128-05  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
<b>Polychlorinated Biphenyls</b>						
PCB 1016	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1221	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1232	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1242	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1248	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1254	BDL	0.17	mg/kg	8082	02/19/07	10
PCB 1260	1.7	0.17	mg/kg	8082	02/19/07	10
<b>PCBs Surrogates</b>						
Decachlorobiphenyl	82.8		% Rec.	8082	02/19/07	10
Tetrachloro-m-xylene	90.1		% Rec.	8082	02/19/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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(615) 758-5858  
1-800-767-5859  
Fax (615) 758-5859  
Tax I.D. 62-0814289  
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## REPORT OF ANALYSIS

February 19, 2007

David Regonini  
Western Technologies  
3737 East Broadway Rd.  
Phoenix, AZ 85040

Date Received : February 13, 2007  
Description : Washington Park PCB  
Sample ID : CS27-FS27  
Collected By : A Sutter  
Collection Date : 02/12/07 00:00

ESC Sample # : L280128-06  
Site ID :  
Project # : 2187JK026

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1221	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1232	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1242	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1248	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1254	BDL	0.34	mg/kg	8082	02/19/07	20
PCB 1260	2.1	0.34	mg/kg	8082	02/19/07	20
PCBs Surrogates						
Decachlorobiphenyl	0.00		% Rec.	8082	02/19/07	20
Tetrachloro-m-xylene	0.00		% Rec.	8082	02/19/07	20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Attachment A  
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L280128-01	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	J7
L280128-02	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	J7
L280128-06	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	J7

Attachment B  
Explanation of QC Qualifier Codes

Qualifier	Meaning					
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out					
Qualifier Report Information						
ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).						
Definitions						
Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.						
Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.						
Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.						
Control Limits (AQ) (SS)						
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134
TIC	- Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.					



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Western Technologies  
David Regonini  
3737 East Broadway Rd.  
Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
1-800-767-5859  
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Quality Assurance Report  
Level II  
L280128

February 19, 2007

Analyte	Laboratory Blank				Batch
	Result	Units	Date Analyzed		
PCB 1016	< .017	mg/kg	02/19/07	13:32	WG287307
CB 1221	< .017	mg/kg	02/19/07	13:32	WG287307
CB 1232	< .017	mg/kg	02/19/07	13:32	WG287307
CB 1242	< .017	mg/kg	02/19/07	13:32	WG287307
PCB 1248	< .017	mg/kg	02/19/07	13:32	WG287307
PCB 1254	< .017	mg/kg	02/19/07	13:32	WG287307
CB 1260	< .017	mg/kg	02/19/07	13:32	WG287307

Analyte	Laboratory Control Sample				% Rec	Limit	Batch
	Units	Known Val	Result				
CB 1260	mg/kg	.167	0.149		89.4	64-120	WG287307

Analyte	Laboratory Control Sample Duplicate						Batch
	Units	LCSD	Res	Ref	Res	RPD	
CB 1260	mg/kg	0.123		0.149	19.3	20	74

Batch number /Run number / Sample number cross reference

WG287307: R307614: L280128-01 02 03 04 05 06

\* \* Calculations are performed prior to rounding of reported values .



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Western Technologies  
David Regonini  
3737 East Broadway Rd.

Phoenix, AZ 85040

12065 Lebanon Rd.  
Mt. Juliet, TN 37122  
(615) 758-5858  
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Quality Assurance Report  
Level II  
L280128

February 19, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

WTI  
3737 East Broadway Rd  
Phoenix, AZ 85040

Alternate billing information:

Report to: D. Regonini

Email to: david.r@wt-us.com

Project Description: Washington Park PCB City/State Collected Phoenix, AZ

Phone: 602-437-3737 Client Project #: 2187JK026  
FAX: 602-470-1341

ESC Key:

Collected by: A. Sutter

Site/Facility ID#:

P.O.#:

Collected by (signature):

Rush? ( Lab MUST Be Notified )

Same Day.....200%  
Next Day.....100%  
Two Day .....50%  
**X 3044**

Date Results Needed:

Email? No Yes

FAX? No Yes

No. of Cntrs

PCBs 8082

Packed on Re N Y X

Sample ID

Comp/Grab

Matrix\*

Depth

Date

Time

DS29 - DS37

Comp

SS

SFC

2-12-07

14:27

1

x

L280128-01

ES29 - ES37

Comp

SS

2-12-07

14:33

1

x

02

FS29 - FS37

Comp

SS

2-12-07

14:38

1

x

03

FS37 - FS29

Comp

SS

2-12-07

14:42

1

x

04

CS28 - FS28

Comp

SS

2-12-07

14:46

1

x

05

CS27 - FS27

Comp

SS

2-12-07

14:46

1

x

06

\*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other \_\_\_\_\_

pH \_\_\_\_\_ Temp \_\_\_\_\_

Remarks:

Flow \_\_\_\_\_ Other \_\_\_\_\_

Relinquished by: (Signature)

2/12/07

Date:

Time:

Received by: (Signature)

Samples returned via:  UPS  
 FedEx  Courier  *Recon*

Condition: *COC received* (lab use only)

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 33° Bottles Received: 6-407

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 2-13-07 Time: 0745

pH Checked: NCF:

Chain of Custody  
Page 1 of 1

Prepared by:

**ENVIRONMENTAL  
SCIENCE CORP.**

12065 Lebanon Road  
Mt. Juliet, TN 37122

Phone (615) 758-5858  
Phone (800) 767-5859  
FAX (615) 758-5859